

ISPT1010.ST25.txt
SEQUENCE LISTING



<110> Ward, Donna T.
Dobie, Kenneth W.
Marcusson, Eric G.
Freier, Susan M.

<120> MODULATION OF HIF1a AND HIF2a EXPRESSION

<130> ISPT-1010

<140> US 10/719,370

<141> 2003-11-21

<150> US 10/304,126

<151> 2002-11-23

<160> 458

<170> PatentIn version 3.2

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<220>

<221> misc_feature

<222> (1)..(3)

<223> 2'-O-methoxyethyl with phosphorothioate backbone

<220>

<221> misc_feature

<222> (13)..(20)

<223> 2'-O-methoxyethyl with phosphorothioate backbone

<400> 1

tccgtcatcg ctctcaggg

20

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<220>

<221> misc_feature

<222> (1)..(5)

<223> 2'-O-methoxyethyl with phosphorothioate backbone

<220>

<221> misc_feature

<222> (16)..(20)

<223> 2'-O-methoxyethyl with phosphorothioate backbone

<400> 2

gtgcgcgcga gcccgaaatc

20

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<220>

<221> misc_feature

<222> (1)..(5)

<223> 2'-O-methoxyethyl with phosphorionate backbone

<220>

<221> misc_feature

<222> (16)..(20)

<223> 2'-O-methoxyethyl with phosphorionate backbone

<400> 3

atgcattctg cccccaagga

20

<210> 4

<211> 3933

<212> DNA

<213> Homo sapiens

<300>

<301> Hogenesch et al.

<302> Characterization of a subset of the basic-helix-loop-helix-PAS superfamily that interacts with components of the dioxin signaling pathway

<303> J. Biol. Chem

<304> 272

<305> 13

<306> 8581-8593

<307> 1997

<308> U29165.1

<309> 1997-04-11

<313> (1)..(3933)

<220>

<221> misc_feature

<222> (265)..(2745)

<223> CDS

<400> 4

cacgaggcag cactctcttc gtcgcttcgg ccagtgtgtc gggctgggcc ctgacaagcc 60

acctgaggag aggctcggag ccggggcccg accccggcga ttgccgccg cttctctcta 120

gtctcacgag gggtttcccg cctcgacacc ccacctctgg acttgccctt cttctcttc 180

tccgcgtgtg gagggagcca gcgcttaggc cggagcgagc ctggggggccg cccgccgtga 240

agacatcgcg gggaccgatt caccatggag ggcgccggcg gcgcgaacga caagaaaaag 300

ataagttctg aacgtcgaaa agaaaagtct cgagatgcag ccagatctcg gcgaagtaaa 360

gaatctgaag ttttttatga gcttgctcat cagttgccac ttccacataa tgtgagttcg 420

catcttgata aggcctctgt gatgaggctt accatcagct atttgctgtg gaggaaactt 480

ctggatgctg gtgatttga tattgaagat gacatgaaag cacagatgaa ttgcttttat 540

ttgaaagcct tggatggtt tggtatggt ctcacagatg atggtgacat gatttacatt 600

tctgataatg tgaacaaata catgggatta actcagtttg aactaactgg acacagtgtg 660

tttgatttta ctcatccatg tgaccatgag gaaatgagag aaatgcttac acacagaaat 720

ISPT1010.ST25.txt

ggccttgtga	aaaagggtaa	agaacaaaac	acacagcgaa	gcttttttct	cagaatgaag	780
tgtaccctaa	ctagccgagg	aagaactatg	aacataaagt	ctgcaacatg	gaaggtattg	840
cactgcacag	gccacattca	cgtatatgat	accaacagta	accaacctca	gtgtgggtat	900
aagaaaccac	ctatgacctg	cttggtgctg	atttgtgaac	ccattcctca	cccatcaaat	960
attgaaattc	ctttagatag	caagactttc	ctcagtcgac	acagcctgga	tatgaaattt	1020
tcttattgtg	atgaaagaat	taccgaattg	atgggatatg	agccagaaga	acttttaggc	1080
cgctcaattt	atgaatatta	tcatgctttg	gactctgac	atctgaccaa	aactcatcat	1140
gatatgttta	ctaaaggaca	agtcaccaca	ggacagtaca	ggatgcttgc	caaaagaggt	1200
ggatatgtct	gggttgaaac	tcaagcaact	gtcatatata	acaccaagaa	ttctcaacca	1260
cagtgcattg	tatgtgtgaa	ttacgttgtg	agtggatatta	ttcagcacga	cttgattttc	1320
tcccttcaac	aaacagaatg	tgtccttaaa	ccggttgaat	cttcagatat	gaaaatgact	1380
cagctattca	ccaaagttdg	atcagaagat	acaagtagcc	tctttgacaa	acttaagaag	1440
gaacctgatg	ctttaacttt	gctggcccca	gccgctggag	acacaatcat	atcttttagat	1500
tttggcagca	acgacacaga	aactgatgac	cagcaacttg	aggaagtacc	attatataat	1560
gatgtaatgc	tcccctcacc	caacgaaaaa	ttacagaata	taaatttggc	aatgtctcca	1620
ttaccaccg	ctgaaacgcc	aaagccactt	cgaagtagtg	ctgaccctgc	actcaatcaa	1680
gaagttgcat	taaaattaga	accaaatcca	gagtcactgg	aactttcttt	taccatgccc	1740
cagattcagg	atcagacacc	tagtccttcc	gatggaagca	ctagacaaag	ttcacctgag	1800
cctaatagtc	ccagtgaata	ttgtttttat	gtggatagtg	atatgggtcaa	tgaattcaag	1860
ttggaattgg	tagaaaaact	ttttgctgaa	gacacagaag	caaagaaccc	attttctact	1920
caggacacag	atttagactt	ggagatgtta	gtccctata	tccaatgga	tgatgacttc	1980
cagttacgtt	ccttcgatca	gttgtcacca	ttagaaagca	gttccgcaag	ccctgaaagc	2040
gcaagtcctc	aaagcacagt	tacagtattc	cagcagactc	aaatacaaga	acctactgct	2100
aatgccacca	ctaccactgc	caccactgat	gaattaaaaa	cagtgacaaa	agaccgtatg	2160
gaagacatta	aaatattgat	tgcattctcca	tctcctaccc	acatacataa	agaaactact	2220
agtgccacat	catcaccata	tagagatact	caaagtcgga	cagcctcacc	aaacagagca	2280
ggaaaaggag	tcatagaaca	gacagaaaaa	tctcatccaa	gaagccctaa	cgtgttatct	2340
gtcgctttga	gtcaaagaac	tacagttcct	gaggaagaac	taaatccaaa	gatactagct	2400
ttgcagaatg	ctcagagaaa	gcgaaaaatg	gaacatgatg	gttcactttt	tcaagcagta	2460
ggaattggaa	cattattaca	gcagccagac	gatcatgcag	ctactacatc	actttcttgg	2520
aaacgtgtaa	aaggatgcaa	atctagttaa	cagaatggaa	tggagcaaaa	gacaattatt	2580
ttaataccct	ctgatttagc	atgtagactg	ctggggcaat	caatggatga	aagtggatta	2640
ccacagctga	ccagttatga	ttgtgaagtt	aatgctccta	tacaaggcag	cagaaacctt	2700
ctgcagggtg	aagaattact	cagagctttg	gatcaagtta	actgagcttt	ttcttaattt	2760
cattcctttt	tttgacact	ggtggctcac	tacctaaagc	agtctattta	tattttctac	2820

ISPT1010.ST25.txt

```

atctaatttt agaagcctgg ctacaatact gcacaaactt ggtagttca atttttgatc 2880
ccctttctac ttaatttaca ttaatgctct tttttagtat gttctttaat gctggatcac 2940
agacagctca ttttctcagt tttttgggat ttaaaccatt gcattgcagt agcatcattt 3000
taaaaaaatgc acctttttat ttatttattt ttggctaggg agtttatccc tttttcgaat 3060
tatttttaag aagatgccaa tataattttt gtaagaaggc agtaaccttt catcatgatc 3120
ataggcagtt gaaaaatttt tacacctttt ttttcacatt ttacataaat aataatgctt 3180
tgccagcagt acgtggtagc cacaattgca caatatattt tcttaaaaaa taccagcagt 3240
tactcatgga atatattctg cgtttataaa actagttttt aagaagaaat tttttttggc 3300
ctatgaaatt gttaaacctg gaacatgaca ttgttaatca tataataatg attcttaaat 3360
gctgtatggt ttattattta aatgggtaaa gccatttaca taatatagaa agatatgcat 3420
atatctagaa ggtatgtggc atttatttgg ataaaattct caattcagag aaatcatctg 3480
atgtttctat agtcactttg ccagctcaaa agaaaacaat accctatgta gttgtggaag 3540
tttatgctaa tattgtgtaa ctgatattaa acctaaatgt tctgcctacc ctgttggtat 3600
aaagatattt tgagcagact gtaaacaaga aaaaaaaaaa catgcattct tagcaaaatt 3660
gcctagtatg ttaatttgct caaaatacaa tgtttgattt tatgcacttt gtcgctatta 3720
acatcctttt tttcatgtag atttcaataa ttgagtaatt ttagaagcat tatttttagga 3780
atatatagtt gtcacagtaa atatcttggt ttttctatgt acattgtaca aatttttcat 3840
tccttttgct ctttgtggtt ggatctaaca ctaactgtat tgttttgtta catcaaataa 3900
acatcttctg tggaaaaaaaa aaaaaaaaaa aaa 3933

```

```

<210> 5
<211> 23
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> PCR Primer

```

```

<400> 5
ccagttacgt tccttcgatc agt 23

```

```

<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> PCR Primer

```

```

<400> 6
tttgaggact tgcgctttca 20

```

```

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

```

```

<220>
<223> PCR Primer

```

```

<400> 7
tcaccattag aaagcagttc cgcaagcc 28

<210> 8
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 8
gaaggtgaag gtcggagtc 19

<210> 9
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 9
gaagatggtg atgggatttc 20

<210> 10
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 10
caagcttccc gttctcagcc 20

<210> 11
<211> 57500
<212> DNA
<213> Homo sapiens

<300>
<308> AL137129.4
<309> 2001-04-30
<313> (1)..(57500)

<220>
<221> misc_feature
<222> (1)..(57500)
<223> positions 82000 to 139500 of the sequence with GenBank Accession
      No. AL137129.4

<400> 11
taaaatttta tcctatatga aattttcctt tttggtgtct gttatttaat aggattgttt 60
gaattagggg atactatttg gtgcctttgt aactatatga aaattagttg gttgaatatt 120
actgctttcc atgttcatat ttatatattg atagacatat atatataac acatatacta 180
ctttcctttc cattttcata tttatatattg tgtatacaca tatacataaa catatatattt 240
atacatTTTT gaaaaggaaa attaaacttaa gggcatatTT aatgaatatt caaaaatttt 300
tttgctgata aaattatcat tctgctttta acttttgaaa tgatccaaaa aaatttttaa 360

```

ISPT1010.ST25.txt

tgacttagat ttactgttac aaaatgcttg tcttttgatg tcacaaacat tatatactat	420
aatcactggc cagagataat tgctataagt ataatgaaaa gggaaatgat ggaagatctc	480
tgcagctatc ctcataaatg aggggtgggaa cacgatgggc agttccaaag ttgaaaatag	540
agaatatatg tggatttata ttaacataat tgggtattctt ggatagttaa aaatggctaa	600
actgtaggag aagcccgagt aattactgtt aacagaggaa taaatttgag ggcaataata	660
atgatgatag gccaggcact gtggctcatg cctgtaatcc cagcactttg ggaacccgag	720
gcgagcggac cacctgaggt caggagttcg agagcagcct ggccaacatg gtgaaacctc	780
gtcttacta aaaatagaaa aattatccga gtgtgggtgt gcgtgcctgt aatcccagct	840
acttgggagg ctgaggcagg agaatcactt gtacctggga ggcggagtgt cagtgagccg	900
aaatcgcgcc actgcgctcc agcctgtggg ccagagcgag actccgcctc agaataataa	960
taatgataat aataataacg ccaccaacaa tactaagagc taacatttac tgagtgccta	1020
ctatgcacca gatattgttc taagtataca tttattatct catttaacca tccataatac	1080
tgtggtatag acacttttat atccatttta taaataagta aactgagtta tggagagatt	1140
aaacgacttg ccagtaagat tcaaagcctg tgtacaagct cacgcttgat tctggagcca	1200
gtgttcttaa cacagtatct tgagaatgtt aaactaaaaa gtttttaatt tacagtattc	1260
tttccacaat taaaaagaa attatgagta attattttta gttctttctt ctcttcaggc	1320
atctcccatg gttcttttca agacataata catatcattt agtgttgtag atctgaaaaa	1380
acaaaagtag cgtgaagatc aaaaattttc taaagagacg gagtctcgct acgttcccta	1440
ggctggaaca cccaggcttc tccagcctca cacctctgag tagctggaac caccctgtcc	1500
gctaagggtca atgtttaatc gtatctttgt aggtctactg accagttaaa aagagggtgt	1560
gtatacattg gttgttgtct tgtcagagtt tgatgcttct atatagacca ttgtttttac	1620
atgctaatac aattgaaagc cactacagat atttatatat acaacccaaa gctagggtttt	1680
aacaagaaac tcataaggca aaggtagagaa gtaaaataat ttagcgccaa gtggagatat	1740
atgtgcaatg ctactttgtt gggctcaaaa catatttttc ttttagaaga ctgacaggct	1800
tgaagtttat gcctccaaag acaaaagtga ttatgttttg tttagtagct tgcaaagttg	1860
ccaaaggcca ttttttctac tctttccctg aaattggttt atatgcttat taaagtcatt	1920
tatacctatt tgcaaatgct taacatagtt tcagatttta agatttccct gcaactttat	1980
ttcccttgaa gtttacagca acaggagttc atttttattt ttaattgcat ttattcagta	2040
agtaaaactcc gccacagaaa aacttagtag acaaggtagg ttcccctgtg ctccgtggca	2100
aagagtgcgg tgggtgacat tgacccatgg ttaggtaatc tggtaaggaa agaccccggt	2160
gtaacacatc tgagcaacga gaccaaagga agggcttgct gccacgaggc gaagtctgct	2220
tttttgaaca gagagcccag cagagttggg cggcaatcgt gccagcact gaggccgagg	2280
agaaagagag caggagcatt acattactgc accaagagta ggaaaatatg atgcatgttt	2340
gggaccaggc aaccgaaatc ctttctcagc agcgcctccc aaagccgggc accgccttcc	2400
ttcggagaag gcgcagagtc ccagactcg ggctgagccg caccctccatc tcctttctct	2460

ISPT1010.ST25.txt

ttcctccgcc gctaaacaca gacgagcacg tgagcgctcg agcccgcccc agctgtgcct	2520
cagctgaccg cctcctgatt ggctgagagc ggcgtgggct ggggtgggga cttgcccgcct	2580
gcgtcgctcg ccattggatc tcgaggaacc cgcctccacc tcaggtgagg cgggcttgcg	2640
ggagcgcgcg ccggcctggg caggcgagcg ggcgcgctcc cgcacctctt cccctccccg	2700
cgcgccccgag cgcgcctccg cccttgcccc cccctgacg ctgcctcagc tcctcagtgc	2760
acagtgtgtc ctgctctgag gggacaggag gatcacctc ttcgtcgctt cggccagtgt	2820
gtcgggctgg gccctgacaa gccacctgag gagaggctcg gagccgggccc cggacccccg	2880
cgattgccgc ccgcttctct ctagtctcac gaggggtttc ccgcctcgca cccccacctc	2940
tggacttgcc tttccttctc ttctccgcgt gtggaggagg ccagcgctta ggccggagcg	3000
agcctggggg ccgccccgcc tgaagacatc gcggggaccg attcaccatg gagggcgccg	3060
gcggcgcgaa cgacaagaaa aagtaagccc attccctcgg ccgcgcgctt tctccccgg	3120
cgacccccgc cgcctgcccc ccctgggctc ctggggccggc ctcggcgtta atgggattgg	3180
ggggggcagc ctttttgttt ctgctgtgtc tcccccccc tctcttcccc caacctcgcc	3240
ggccgggctc ccccgctgtc cacgtcgcca tcttgctgtg ggggtggga gacgcctcga	3300
aagtgtttc aggggcccgg gtctgagccc tgcttgccct ccccgccggc cgtgggggccc	3360
tcgcgcgcgc cacctaccg cctcaaaaac ccagcctgct ctgtggcccc atccggaggg	3420
gactttaccc agcctgaaaa ccccggaag agaaatgagc tgcagctcgg tagccgcggt	3480
ttgcacccgg agcttccgct ccttccccgc cccatcctct ccagttccat tgaaaactcg	3540
gccctggggc ggacctgca cgctggctct ggctttccag tggacttggg gccttgagtt	3600
cccgactgag ggactcgct ggctggatgc gatcttgctc tgtagttgtc cagccgtcgc	3660
gggtgtcttt gcctttgtgc attagggatt tgccgcgatg gccttaagat gcgaactttt	3720
tagtttgac gtgcaggttt tgtttcgttt taatcgcctt gaaaaacttg cctagactga	3780
gagtcagagt aatgggaatt tagggaaatg gcaacatttt aaagagaact tcagaattgg	3840
atacttgagt tcatatcacc tgtcacgaga acgcagatat tataaatgaa tatatgcctc	3900
attcattctt caaataatga aaatgtaggg gctgggttaa ttaggcagt tttaatgata	3960
ctgaaaaaag tatatgatga gtgaatgaaa tgccggcacta aaatgttgca aaaattttcg	4020
aactctgtct cattttcctg aaattgaagt atattaaagg aaaaccgtca acatatatct	4080
aaagtaagta atcactcggg tagaacttaa tgcaagtttt ataaatcacc ttgaagtttg	4140
agtctaagg gtacattaga gattaagaat tgtgagttgg accagtggtg ttaagagcgg	4200
actcccccat cccccaacac acacacaatt ttgcccactt tggcatttta acttttaagg	4260
aaatcactta aggaattgaa gatttagagt aagagttttg gttagtagac tggctttgct	4320
gttaaatcct tccactcttc tggcagagag attaatcttc ctaatcagta tcagcagaag	4380
ataaacttgt ttatatctct gctgttttgt agatcccttc tcctggctct tcttcaatag	4440
aatattaaat tcttagtttg tatacagcag agaaggtcac ttataaaaatt caaaaagtga	4500
gcaaacagg ctagattaat tccaagagtt accaggaatt aattgcagtt tattttgcg	4560

ISPT1010.ST25.txt

aggtgattac	agtgcttttg	atgaaatgat	aaagctgcta	tattgtaaac	ctaaggcaga	4620
ttacctctgt	gtagtgccag	ttttctatcc	ttattatata	ttgaatcata	cttaatacaa	4680
tgcattaaat	tatgtaccac	tttttttata	tacagtatcg	aactcattgt	tttgccattc	4740
atccgttcag	aatatcagaa	gcagttttga	aacgaattaa	taaattagct	actgttcac	4800
agccccaatt	ctaaataagc	tcttagattt	tcctcagccc	atctgttact	ttcaaaattt	4860
tctcatttga	aaacttggca	accttggatt	ggatggattc	atatttctta	gtatagaagt	4920
tcttgatata	actgaaaaat	taagttaaac	acttaataag	tggtgggttac	tcagcacttt	4980
tagatgctgt	ttataataga	tgaccttttc	taactaat	acagtttttt	gaaagataac	5040
tgagaggttg	agggacggag	attttcttca	agcaattttt	tttttcattt	taaatgagct	5100
cccaatgtcg	gagtttggaa	aacaaatttg	tcttttttaa	agaaggtcta	ggaaactcaa	5160
aacctgaaga	attggaagaa	atcagaatag	aaaatgggta	tggttatgat	actgtagatt	5220
taacgcagga	catttcatgt	tggttcctagt	tataggggct	gaacttattt	aatagcacgt	5280
gcattttgat	tttttagattt	ttaagggaa	gtcaagagag	taatgattct	gtttcaggct	5340
tcaggccaga	ctccttcaga	gttttccaaa	acaataat	actgaatcat	taaagtaaaa	5400
tttctgagaa	tagatattcc	ttaatttcct	tcattaactt	tggccattaa	aagtcaagaa	5460
gctctctcat	ttattagcaa	acttttctcc	ttatgattct	attttgattg	tccttttggt	5520
tgaggaagca	gcatatgggtg	gttaagagca	taggatctag	aggcagatac	ctctgagtta	5580
agggtcccag	cccttcactt	gtgagcttga	gcaagttact	gaatgcctct	gagcctcttt	5640
cctccttttg	aaatgatgat	aagaatagca	gccatctgag	cagttattgt	aaaggttaaa	5700
tgagataatg	cttgtgaagc	acttagccca	ttgcaggagt	cttgatgaca	ctgtgtactt	5760
gaaaatagat	gttacctgtt	aaaattcttg	tttaaacttc	cacaactctt	aaaactcttt	5820
tttgctagtc	cttccagctg	tttcccttag	tttcttttct	gtgtcttcat	gcactctttc	5880
tatctcctga	aagtgaaaag	actaacattg	gatccagagc	ttgaaaagcg	tttttttcct	5940
gttacaatgg	gcaaaagagt	acatccttgg	gttatatttg	cacctagtat	cagttatttt	6000
tcttgagcat	ctgatctgct	ctctactcta	gtggaggcct	cctgcttcac	aattgctcac	6060
ccctgtgttt	tctcccaaaa	tagaatactg	agtttactct	ggactctaga	gtcaaacata	6120
cacagtattc	tagtcttact	gttcatttaa	gcaagatatg	tgcaagacac	tgcatcttta	6180
gtactggcag	taagttaaaa	catttttcgt	cttgatgcca	aagtttagac	aattttataa	6240
aaattaacct	ttgtaaaaga	taatgagttg	ataaaatatt	ctcagtaaag	cagctacgtg	6300
gtagaaaaac	tgctcctttgc	ttatgagttt	ctccagagtt	aagaccattg	ggttccatct	6360
gaaggcaaga	cttcaagctt	gtcttactgg	tctgttttgt	ggctcaattt	gtatgaagtc	6420
tatgcactct	tccacacgtg	tgtatttact	gaactatcga	gttatttttag	actgagaaa	6480
tattggagtt	catttctacg	gtccactgca	gagcaccttg	tgagttttgg	agaatgtcaa	6540
cttttctacc	tgttaaacttc	cattgtcttt	acttttaacg	ccattgtctg	tgactcta	6600
ggtgtcacgg	ctcaggggtt	agattttgtg	gttacattct	attcttgtat	gtcaagagtg	6660

ISPT1010.ST25.txt

gtgtatagaa agctgagggg gattatattag tctcttgact gatttttttt ttttttctga	6720
agaactcagt ttattatggt tggtggtgaa ataaaaattg atgtgcatgg atgttaaaga	6780
tttgggttaa attgtgtggt catagatgcc tctcttagt atataatttt ttaaatttag	6840
atacttaaaa tactgtatcc ctttatctaa gattaacata agtctgtttc ttaaccagga	6900
taaaaaaatc taaatttaaa tgtgatgttg gatgagtttc caatcaagaa attgattttt	6960
taaactttgt gactagttat ccagtgggtg gatttttacc agtgtgtgta tgtgttttct	7020
gcttaactct ggaaggttag aaagagaatt tgaaactaag acaagccaag cttcttggtg	7080
ctcagtattt ttggtaaaaa tatggtcaga ttgtttaaat taactatagg ctttggaatt	7140
ttaaaaaata ttatatctct tggtctcttg acacatcaag aattaactgt tttgtatatg	7200
cgttgagtat taatgttcat gttttctgca gtagaaattt ataaaccctt atttatttgc	7260
cagacatgat ccctttagag aaatctagta tctaaaacct gaatttttaa aacaaaattt	7320
aaaatttttg tttcataaaa acaaaaatgt gattacctca tggctttttt cttatagctt	7380
ttgattgttt tttaaaatcg tagttcaaaa acattaacct aaaatttacc atcttaacca	7440
tttctaagta ctgttcagta gtgttaagta tattcacatt gtgccactaa cttccagaac	7500
ttttcatct tgcaaagctg aaatcttacc cattaaacaa ctcccaattt cccctctcc	7560
tcagcctctg gcaaccacca ttttactttc tgtttctgca aatttaacta ctctagatgc	7620
ctcatataaa tagaattata gggttttaat atttttgtga tgggcttatt tcactttgtg	7680
taatgtcctc aaggttcatc catgtttag catgtgtcag aatttccttc ctttttgagt	7740
ctgagcaata ttccattata tgttccatat tttgtttctc cattcatcca gcaacggaca	7800
cttgggttgc ttccacatct tggttattgt gctgctctga acatgagtct gcaaactctc	7860
ctttgaagct ttacttttt ttggatacat atccagaaga gggatgctgg atcatatggt	7920
aacccttttt aattttcaag gaaccacat attgttttct atagcagttg caccagttta	7980
cattcccacc aacagtgcac aagggttctt atttctccac atccttctaa acacttgttt	8040
tctttctttc cttccttctc ttctctttct ttcttagcca tctaagtggg caaagtggta	8100
gccatcta atgttgaagt gattgttttt aagggttgt ttgtggataa ttaaccagct	8160
gaaagctaac tacagtttgc cagtggaagc tttaactgaa aggagagtaa gtacctctaa	8220
aaggagaatt caatttttct agtgacttag atttgttatg ccagtacttt ttacagaaa	8280
cacttttttg gtaaaatagt gtacacctgt tctattgttg ataaagccca atttaattag	8340
gaaatttgtt ctctaagatt taaaacaata attgaaataa tgtattttta ttaaaaaactg	8400
ttccaagat gttagctttt agctgttctg gtgatctcaa ctgttattta tgagtgttc	8460
tttattttta aatttcacct taaccggtta cagttttaac cataaagatt atttcaacat	8520
atgattttga aaatttatta tcttgtaa atgggaaatgt agtgatggaa catagtttac	8580
tgtatgtagt tcttcacttg tttgaaaagt cacaatatat ttaggcaaat taatttaaaa	8640
gtgtctagta tttaatatg caattttcac tcattaagga cagggtcccc gtgtttcccc	8700
cttttttttt tccaagtagt ttgggaggat ttgtttttcc agctgaaaaa tactatggtt	8760

ISPT1010.ST25.txt

aaaaataagg	tttaaaggcg	aaagttgaag	tctttgaggg	ttgggatacg	tttctgttct	8820
taagagtctt	gtaaattcag	atgctaagca	aatttcttta	aaatgatttc	taccctcccc	8880
ctttccatta	taaaactgga	tatgtttcag	tggaccaa	cccaagtagg	ctgaatttga	8940
aatttgtggg	ctgggcgcgg	tggctcatgc	ttgtaatccc	agtactttgg	gatgccgagg	9000
tgggtggatc	acctgaggtc	aggagttcga	gaccagcctg	gccaacatgg	tgaaacccca	9060
tctctactaa	aaataccaaa	attagccagg	cgtgggtggcg	ggtgcctgta	atcccagcta	9120
cttaggaggc	tgaggcagga	gaattgcttg	aacctgggag	gcggagggtt	cggtgagcca	9180
agatcgcccc	attgcactcc	agcctggggt	acagagcaag	actgtgtttc	aaaaaaatta	9240
aaaaagaaat	ctgtgggtgtg	aatactggta	cgtgggtgtac	acagtgagct	cttaataagt	9300
at ttgaatta	acaaatgaga	caatgattga	ataattggat	gaacaaagag	aatgcagggt	9360
tttaaaaggt	ttcttttagaa	atattgtcgg	cccggcacgg	tggctcctgc	ctgtaatccc	9420
accatttttg	gaggccgggg	caggtgaatc	acctgaggtc	aggagt tcaa	gacaagcctg	9480
accaacttgg	agaaaccccc	tctctactaa	aaatacaaaa	aaaaaaaaaa	aaaaatagca	9540
ggatgtgggtg	gcacatgcct	gtaatcccag	ctactcggag	gctgaggcag	gagaatcgct	9600
tgaacctggg	aagcagaggt	tgcagtgagc	caagatcgcg	ccactgcact	ccagcctgat	9660
gacagtgtga	gatgctgtct	ccaaaaaaaa	aaaaaaaaaa	ttaaaaagaa	tgttttaatt	9720
cttttagttcc	ctgtctgaga	ttcactgatt	ggtaagaaga	aagttaaaga	atctcctttg	9780
actttttttg	atatagatata	ttaaattcta	ttactttata	gtaagggttg	ggtttat ttt	9840
ctttgcttta	taatagaaga	gcattgatta	ttctctttgc	tttataatag	aataccattt	9900
aaataggagt	tccctgagtg	tgttttacaat	catttgatct	ggctaaacta	ttttaatggt	9960
aatgaaattt	taaaattttg	gaggaaaaaa	tttaaaaact	acacaggtgc	acaaaagaaat	10020
aaaaatcacc	tgctttttca	ctatgtagag	accattgtct	actattttctc	aattctgtgt	10080
tacatctgta	tg ttaataac	tgtaggatta	gggactgagt	actgttttta	acctgctttt	10140
aaaaaat tta	catctacatt	ttttcccatc	taaatagtga	ggaagagtat	cagaat tttg	10200
taggcttgtg	gtgatgg tta	aattagataa	tattaatggt	gggtacttaa	cataatatat	10260
ggctcttaat	actctccaga	tttcagatat	agtctgtttt	accattactg	cctttttatc	10320
aaacctattc	tcaaaaaagt	gagaaaagt	ctgagattac	aggcgtgagc	caccatgccc	10380
ggcctcatgg	ttctttctta	ataataaatt	agaagaagta	gaattacagg	gtcaaaaagt	10440
atccatttta	aagctttcaa	tgtaattgcc	tg tttatctt	ctagaaagtt	tgacctagtt	10500
gtatttttaga	gtgtcatttt	cttgaacttt	atcatcatta	aagttttaaa	tttggaacac	10560
tggcaatttg	ataagtatat	taggattctt	cttattgcaa	gtagcaaaat	acaactcaat	10620
ctagtttaag	aggggaaaaat	gtagtcattg	gctaacacaa	tctaattttg	gtttaagaga	10680
caaactctaga	gtctcaaatg	atctcagagt	gtaataatcc	ctgacttttg	tcttgatatt	10740
acttggcttg	tatacctttg	ctctattttg	atgctggcct	tactctgcca	ctgacaggct	10800
gtctgtatgg	tgtggaagag	gacggctagc	atccccatac	ctgcatccat	acagtttgta	10860

ISPT1010.ST25.txt

```

atataaaaaa aaaaaaagta aaaaaaactc cctctctctt ctagtgtcta tatatcagtt 10920
tcctagaaga aaacgttttg ccctacttgg ccatgtgaat ggagttccct gattacatga 10980
gtcaaatatg tcttattgta gcatatttga tgggtcttct gtagaatatt atcttactat 11040
acacagaact cttgaccagt aattaatggg ccatgagttt ttgttgcaag tcatttgaat 11100
tcatattcta tagtttttcta ccaagtgtag tcattctgca agctgttctt gtcatgactt 11160
ttgggaagtt gagtatttct tctatgggtt aggggttttca tctcaagaaa aagatgatcc 11220
ttttctctac taaatatgtg ttaagatcac acatttttct agatcgttta gctctactgt 11280
gtgatcttac acaaattgct ttattgggat gataagaata attgccttat aggattgtta 11340
tgagaatgaa atgatacatc aactcatatg aaacactcag aacagctctt ggcacaaaagt 11400
aagggtctaa ttaagtagaa actatccata tattcataat attatagtat tggttaagtt 11460
gttttcaaca ttgttttagaa tcgctcaagc cttctttgtg ataatctgac gaaggctatt 11520
caccaccagt gagtaaataa tagtggcaga atagttactg atgcttttcc tttacttggg 11580
tttttttcca taaacatctg gcctttgcag actaaatact ggtttatgta tagacatgtt 11640
attctaaaat aattttccat agtggtaata ctaaaggaag aaaaatgttc tcaaagctat 11700
ttatttgga tgtaaagga gggggaatt aagaaagcct acatttccat gtcctttgtg 11760
tccagaatct cattaaatgt cttttaactt gttagcagag gaaagtggga tattgcctgc 11820
ctttgtagct aacatagtta aaatatthta atgggttatag tgtcaaacca gtagtcaaag 11880
ccttcactgt gaatggatga agggatattt tcttgaataa tttaagttga cttatttcag 11940
tgggtcaaaa aatttcttca acgcttaacc atgactcagg cacctaacta ttatactatg 12000
tcctgtaaca gattgttggt cattcattta ttcaacaggt atttgtgcag ctaatttatt 12060
gagtacagca ttgaatcggt gatggccttag gccacagttg aacattccat tttttatggt 12120
cattcattca ttcatagcat attccatttt taaattttca gttcattgca ctttaaagtt 12180
tgaggttctt gcgaagtaca gacttttggg tttaagtttt gttatttaat gtcaaccacc 12240
acaggcgcat tggccagtct gcttttagaa ttttcagaca tacatacaca aaacattctc 12300
acaagacaat ctacttattt tcttttttat tctgtgtttt cttaacacag gattaatgtt 12360
cagatctctt ttggagcaaa ataatctct gaatttttga gatgtacca gtgacctcag 12420
tctgagtatg tatactgcat taaaaaatgt aacctgttc cttttagtgg tcatttggta 12480
acagtttgat cataaacaaa tgcagcctca aacacagaag gcttgaggca agtatacaga 12540
actatggaga gatcatttag atgatgtaga atatgccttt tcttttttta caatgccacc 12600
aaaatgaaaa cacggtttta aaaattctca tagagtgtaa cttcaacact gctttaactc 12660
tattaaacaa agcactgcc a tgttgtaatt cctatttatt actctctgga gttgtataaa 12720
ttaccaaata cgccttttgt ttgatattct tttcaaatat ctgagggtag ctatcatgtt 12780
tcttcttctt attcttaaaa aatagtccca aatttcttga atcttttaat ttaaaaatta 12840
tatattgagc atctgatttg tggaaaggca taggccatat taaaaatggg gcttcatatt 12900
aaaatgggga aaagggtgga gattctcagg tggaatctga gatctgccac aactaatag 12960

```

ISPT1010.ST25.txt

tgttacctaa cccttttttaa agacaaagaa acaggatcag aagggtcactt tggaaaattt 13020
 atttggtaat attggatagg atggattagt atagttggaa aacagagact cttgcttttag 13080
 gagagctgct cctttgtcat ttccagaatc ttaatcatgg tcaagggtta gagctaaata 13140
 tttaatagaa gaagtcttta gggatgctt tctattgtac acccttattt caatacatgt 13200
 gttttttcct gttatgtaag tactttatta ttatttatgc atcttctatt aaagttaagc 13260
 aaataattat ttcaaggaca cattcttcta catacacaca aagtttaggg tcaactgacct 13320
 tcttaggttc tagtcttaga tctgttacca tctaagagca tataaataag ggaaacagaa 13380
 agaaaaggat ttacaagctg agaaggaagc aatgcagaga aagaagagt atagagtagg 13440
 taatttgggg aaagtcagt atacacagct cttaaccatg aacagtgatt cttcactcct 13500
 gaatgtttgt gacattcatg aaggtattaa aagctgactt ttaaaaaatt gtttcagaga 13560
 actggaaaaa aattcagttg ccacattcct ccttaggtca tctttgaact ctactcatgc 13620
 acttacgtgt ttaaggcaaa gttttactaa acgcacactt gttcttgctg gcttattgac 13680
 ttttactgct agcttcttat tcttagcaat tatacctcac attacatagt attgtgaaac 13740
 tcactatatt cagtgttttg cctgacaaac atgggtatgtt ataggatgtg tattcagtta 13800
 tagctaaaaa taaattattc tcgtttttca aaatttgctg gcctacctgt taagcttttg 13860
 ctttaagacc tgctaattgt tctcaaactt ctgtgggtta atcacctgag tgtctagttg 13920
 ctctatggat tcccagggac ccattcgcca gagattctga ttgggtaatt ttgggatgga 13980
 actcagggat ctgtaaattt tacaagcact cagaaatgaa acatagactt taaacagcta 14040
 agagtgtcga tcaggattat gttgatatta ttttttaaac agatgtgcca agcctttaat 14100
 ttgaatttcc aggggttgga tttggccttc tatatttggg ggaaaaaagt tctattgatg 14160
 attgtggata tataccacag gtcaaccatt gaatagtcta gtcagtgtag ttagtgtatt 14220
 ttataattac taagttctaa gtatgtggtg tattaatgtc ttaggaggtg gatataattc 14280
 ctgtatttgt aaagcatttg ggtaggtttt ttaagagaaa aagtatgtaa caaactagtt 14340
 ttgagcgttg ctcttttact tctttgggca tttttgaaga acacgttaag tatcttctta 14400
 gagcagaggg gctcagagt gtccccagat tatcatcatt ggtaaacact agttggtgca 14460
 ttactaaact gttagaaatg cacatttcta ggcgccattc agacttcata aatcagaaac 14520
 tctggaagta aggctcagca ttctgtgttt ttttttctt tattatactt taagtttttag 14580
 ggtacatgtg cacaacgtgc aggttagtta catatgtata catgtgccat gttggtgtgc 14640
 tgcaccagc aactcgtcat ttaacattag gtatatctcc taatgctatc cctccccgct 14700
 cccccaccc cacaacaggc cccggcgtgt gatgttcccc ttcctgtgtc catgtgttct 14760
 cattgttcag ttctaccta tgagtgaaga cacgcggtgt ttgggttttt gtccttgca 14820
 tagtttgctg agaatgatgg tttccggctt catccatgtc cctacaaagg acatgaactc 14880
 atcctttttt atggctgaat agtattccat ggtgtatatg tgccacattt tcttaatcca 14940
 gtctatcatt attggacatt tgggttggtt ccaagtcttt gctattgtga atagtccac 15000
 aataaacata cgtgtgcatg tgtctttata gcagcatgat ttataatcct ttgggtatat 15060

ISPT1010.ST25.txt

acccagtaat gggatggctg ggtcaaagtg tatttctagt tctagatccc tgaggaatcg 15120
 ccacactgac ttccacaatg gttgaactag ttacagtc cactaacagt gtaaaagtgt 15180
 tcctgtttct ccacatcctc tccagcacct gttgtttcct gactttttta tgatcgccat 15240
 tctaactggg gtgagatggg atctcattgt ggttttgatt tgcattttctc tgatggccag 15300
 tgatgatgag cattttttca tgtgtctttt ggcagcataa atgtcgtctt ttgagaagtg 15360
 tctgttcata tcgtttgccc actttttgat ggggttggtt ttttcttgta aatttggttg 15420
 agttcattgt agattctgga tactagccct ttgtcagatg agtagattgc aaaaattttc 15480
 tcccattctg taggttgccct gttcactctg atggtagttt cttttgctgt gcagaagctc 15540
 tttagtttaa ttagatccta tttgtcaatt ttggcttctg ttgccatggc ttttggtgtt 15600
 ttaaacaatga agtccttgcc catgcctatg tctgaatgg tattgcctag gttttattct 15660
 acggttttta tggtttttagg tctaacattt aagtctttta tccatcttga attaatTTTA 15720
 gcataaggtg taaggaaggg atccagtttc agctttctgc atatggctag ccagttttcc 15780
 cagcaccatt tattaatatg ggaatccttt cccattttct tgtttttgtc aggtttgtca 15840
 aagatcagat ggttgtagat aagcggcatt atttctgagg gctctgttct gttccattgg 15900
 tctatatctc tgttttggtt ccagttaccat gctgttttgg ttactgcac cttgtagtat 15960
 agtttgaagt caggtagtgt gatgcctcca gctttgttct tttggcttag gattgacttg 16020
 gcaagcatte tgtgttttga gaattcttcc aggggactgt gatgaaaact gacgtttgag 16080
 aaccttcac ttagagtaaa aactttacat acacattttt gttgttttat ttatctagca 16140
 caatacttct tttttttgaa atggagtttt gctcttggtt cccaggctgg agtgcaatgg 16200
 tgtaatctca gctcaccaca acctccatct cccaggttca gttgattctc ctgcctcagc 16260
 ctcccagta gctgggggta caggcacgtg gcaacatgcc tagctaattt tgtattttta 16320
 gtagagacgg ggtttctcca tgttggtcag gctggctcgc aactcccgac ctcagggtgat 16380
 ccgcccacct cagcctccca aagtgtctggg attacaggcg tgagccactg cacctggcac 16440
 aataccttat atataatcag ggctcaaaga tttgttgaga ggctcaacac caattctgga 16500
 ccaggaaaga ttttatttat atcactagtc aggaataatc taaaaacaaa aagcacattc 16560
 ttcttacaag taatatttca atacacatta atgtaaacac atggaaaagt attagctact 16620
 taataaatta acatgtaaat gaaaaattta cacattatgg ctatttcaga tgtgatatag 16680
 atttcatttt cagaaggaac cctccaatgt aaaacagtga ttcttttccc cgtttatttt 16740
 actgcattag aaaatcacat ttaaagtaag catttttggtg aggtttggaa ggtgaataaa 16800
 tccatctttt ctttaattat ggatatttaa gagagatgtt gttgtgccgt ttagataata 16860
 atgatctaaa ccaagaaatt tagttgcttt caaaaataaa ataagtgtat gcattctgaa 16920
 catttttctt tagaaacaaa ccatttcac tgtttttttg aatttcaaat taattataca 16980
 gaattttcaa aatttgaaaa ttaggttagc atgagaaact gaagatactg aattatattg 17040
 cctgttcagt ctatactttt ctttaggata tacagtagga aagaaatatg atagttcaag 17100
 ttagattact acttctttca gagttttttg acaaatgcag gtacagtgat agtgtcagtt 17160

ISPT1010.ST25.txt

catggtgaat	ttttgttaaa	ataaattaca	aaaaatttgt	gacacctgga	tcttgaaact	17220
agttaatatt	tgtaaacttt	gctaacactg	tatatcactg	tattctgggt	ttatctgtgc	17280
atctatgagt	tatatgtgtg	tatagctaca	tatgtttata	tttatacaca	tacattacac	17340
acaggagtgg	aatcatactc	aatttttttt	gtatagcctg	ctctgttcat	ataatactat	17400
attgtagcat	ctagtataag	caaagattaa	tttttgtaga	ctttgctttt	atcctgaaat	17460
tttgtggtag	ctggtttaat	ggaaagacaa	tttctgtgac	gtgttttgtc	agttagggat	17520
tgacctgggt	aaaatattgc	tggataacaa	caagcaatgt	aaaaatacat	ttgttccata	17580
agataacctc	cgtgaaggta	gagacttggt	ctgttttgtt	tattgcaccg	tgtcctgttc	17640
tgggaagagt	gttagactca	tagaagatga	tcaagaaata	ttttttgaat	acatcaataa	17700
cattctctaa	catgtgggta	tcctaaaggt	ttatttttta	agttttattga	ttagaattca	17760
gaagatattt	tcccagataa	aataatagat	tgctagctgt	cttgaaaatg	taattttatat	17820
ttaatttgaa	atgtcagggt	tttgctattt	tttccattaa	gtagagatag	ggttttttaa	17880
aattacatgt	gatgttttaa	gtattctggt	tttgcaacaa	ttactagata	gaaaatgtaa	17940
caacagatcc	tattaataat	acttccaata	atacatataa	aatacttgtc	taaaagtaac	18000
cctccttaaa	aaaacaaaagc	tggccaggcg	cggtggctca	cgctgtaat	cccagcactt	18060
tgggaggctg	aggcaggcgg	atcaagaggt	caggagttca	agaccagcct	ggccaacata	18120
gtgaaacccc	atctctagta	aaaatacaaa	aaattagccg	ggtgtggtgg	caggcgcttg	18180
taaccccagc	tactcaggaa	aatcgcttga	acctgggagg	cggaggttgc	agtgagcgga	18240
gatcgacca	ctgtacttca	gccttgggca	acagtgcgag	actctgtctc	aaaaaaaaaa	18300
aaaaaaaaag	gcaataggat	taggtatcaa	cttaatgaaa	acttcgtgac	agcactttct	18360
tgaaaaagac	tgtggaaacc	aaagttagta	aactcctggt	tctgcctggg	ttcggaaaac	18420
ataaagatga	taaagatgtt	taagtattcc	tttttttttt	tttttttttt	tttgagacag	18480
tgtcttgtc	tgtctggagt	gcagtggcac	aatcacagct	cactgcagcc	ttgaactcct	18540
gggctcaaat	aatcctcctg	cctcagcctc	ctgagtatct	ggaactacag	gagtgcacca	18600
ttacactcgg	ctagtaattt	gattgggtta	gaacattaac	tataactcac	acattttcct	18660
gaccacattt	gcttaggaca	aaacagtaaa	agacatgagt	gtagatgaaa	gcgataaggg	18720
aactaatctt	aaacactgaa	cctcttttca	gcaaatggc	tttctagttt	ctcagctctc	18780
tctttacacc	tctaaatctc	tttcttgcca	agatcattta	tttgccttgg	tttatgggtga	18840
tactcttcat	tgttatactg	gtgggtgatt	gttttaattg	atagctgttt	ttttctactt	18900
caggaagatg	acactgctgg	ctctgctggc	tctgatgttt	accttgtggc	taatgcctgt	18960
gtttgcctgt	gttcacattt	attccacgat	tcatttggtta	acatttacta	agctgctttt	19020
ctgtgccagg	aacttggcta	gataaataaa	tggttggttt	tgtacacaga	attagctgtc	19080
ataatcagtt	actgtagcat	ttattcttgc	aaaaatatat	atttatactt	caactagtga	19140
tcgaatctca	acttattaat	tcatacattc	agccagcaca	taattgaata	cttcttatgt	19200
gtcagaaaact	gttctagggtg	cttgggatgt	tcattgaaca	aaatagacaa	aagtctccgc	19260

ISPT1010.ST25.txt

ctctatggaa cttactttcc agtgaagggtg tggattgggtg ggatagaaaa taaaataatc 19320
 aagtaagata tgtacttagg ctttcataaa aatacagcag ggcaagagga ccaagatgga 19380
 ggcaagtatc aggggaatctc aatgaggggtg agactgcgac aaagacttga aaaaggtgga 19440
 gaagcaagcc ttgtgggtat ttagggtagc agtagtccag gcaaggggaa caactagtgc 19500
 aaaggctcta ggaggcaatg tgtttgaagt gttttaagaa cagtaaggag gctagtatgg 19560
 ttagaacaga atgagcaaag ggggcaaagt ggtagaaggt gagatcaaag aggtaatgag 19620
 gccattgttg aggcccatat ggactatttg aagggtcttg gcttttactc taaatgaggc 19680
 aaaaaccatt ttaagcagag aggagtgata tgacttgatt tcttgtaaa aggattattc 19740
 tagttgctgt tacagaaaaa gattacaggg gtgcaaagaa acagggagac aaaagaatat 19800
 aagattttca ctgtaactta tatctagtat gcttgcttat acttgaaaat gcatatccag 19860
 ataattgtag taaattcaaa tattatgttt atttaatagt actaacattg atatgctggt 19920
 taattatgat taggagcact aataaagcac aaatcagga ttcccaaaaa gaatgttgaa 19980
 agggcagtca gcttttctg tgccagaaat caaagtcata gcagatttgg ggcaaatatg 20040
 tcaaagtcaa acttacgcac atcactactg agaagacaaa gatgaatgtg tgacagtttc 20100
 ctgcccccaa gaatctttaa gcattgtgaa ggaagattaa tatagccaaa taactagagt 20160
 gatcagttct accagagaggt accagttttg gaagccagag gaaaaaaaaa aaaaacagaa 20220
 acaaaatgat gtttgaatta aatctttaa agtttctctt ataaatttac caagccacat 20280
 attgggaatg gtaccccagc cagaaggagt agagtaagca agccagaaag gaaatactat 20340
 ggtgcttttg agtaactgca gtgtggctga agaattgtga aaatgatgag gataaagagg 20400
 tggacaggga actaggtgaag ggagggttc cttttaaata attagacctt gtcctgtgta 20460
 catttaatgg gattttaatc aggccataat gccaaatttc ttacttcgg aaggatcttt 20520
 atggtgatgg ttccagaaag aaattaaagc agagtaacag tggtagcaa taatgatcag 20580
 ctagtgggtc ccaaacttac gtatcatatg catcttgga gtttttaaaa actcagattt 20640
 tgggatcctg acttagatct actgaatcag aatttacaga ttcaaattcc cagtgaggcc 20700
 taggaatttg aaatgttgaa tgctcttcac gatgcagcta gacaagcatt tgggaataaa 20760
 gcattaggtg actatttcag tagactaagg agtgggaggc catttaagct caaaggctat 20820
 tctacttctc actatatttc tagtacctag cacagtgcac ggtacttgat agatgcatcc 20880
 tttctcccat acctcgccct acacatctct tcatgtgtat cttattaat atcctctatt 20940
 ataaactggg aaacatgttt ccctgagttc tgtgagctgc tccagcaaag atgggtttgt 21000
 gagaatccca acttttgaag cctgtcagtc agaagttcct gaggccagac ttgcaactcc 21060
 tgttgagggg gcagtcttgg ggactgagcc ctcaacctga cactgtctcc aggtagatag 21120
 tgttagaatt gaattgaagg acaccagtt ggtgtccgct gcagaactga ttgctcacct 21180
 ggtggtggag agaaccctc ctctcccgat aggggttcag aagttgtctt ctgtgttgtt 21240
 gattgctgtg gtgtgggagc agagggggga aaaaagctgt tggagagttt tttccaaac 21300
 aataggagat tatttagatt tataaaaaa gaatcaaagt agattaactg agcacattgt 21360

ISPT1010.ST25.txt

gaaatataga gtagagctgt gtgtaaggag tataatcttaa tgtcaagctg acaccaaatt 21420
 gaatgtttgc tggaacgttc aaaaatctaa gcttcccaaa tctgtgaaaa cactcagggtt 21480
 agtaaacagt cttatgcaaa cagcaagaca atgctcaaag ccatttaagg aaaaagaaca 21540
 gtaactgaat tctcttatgg aaatgtgaga tgtgtgttta gtaagtactg atgggtgttat 21600
 actttttgtt tattcgtttg ctggtatttc agttcctaaa attccttcaa atatgctgca 21660
 aaatacaaac caagaacttg gtggattttc catttgtttt cctgtgggaa atgatggaat 21720
 taaaaacctt gaggattaga ccttgagagt taccttccag tgtttatgcc accattatac 21780
 aaaattctgg aggacaaaac ccttcccact taaaaaccag ttagtttcag aaaatcacct 21840
 catgttagga gactgcatca ttatagtatg tgtgttagct ttaggtatag atctaaaata 21900
 tttttaatat tttaaaaact taagcctttc ttcattaatt tggcctaata caagttagaa 21960
 taactttaaa aatgagtaca aacaacaagg aagggccagg cgcagtggct caacgcctgt 22020
 aatccgaaca ctttgggagg ccaaggtggg cagatcacct gaggtcagga gttccagacc 22080
 agcctggcca acataatgaa accccatctc tactaagaat acaaaaatta gctgggcgtg 22140
 gtggcacacg cctgtaatcc cagctactcg ggaggctgag gcaggagaat tgcttgaacc 22200
 caggaggcag aggttgacgt gagccgagat cgcgccattg cactccagtc tgggcaacaa 22260
 ggggtgaaatg ccgtctcagg aaaaaaaaa acagtttctg tgactgctag acaaatgttg 22320
 agcaagtaaa acaccaacaa tgttgaactt agatattgaa atagctgctc tgtacaaata 22380
 aagtctactg ggagtataga ctgaattacc atcttttgac tctttcgcca taatgattgg 22440
 cattaccgga agggattacc ttgctttgaa gagctgctgg acagtagagc agagagcatc 22500
 tattaccatt gtaggtgcct ttcagttagg attttggtatt tataagcaaa ctccaagaaa 22560
 gagcctggtt ctgagtttct ctgaatagct taggtcaagt cctaaattct gaagccaact 22620
 cctataattc cttctttatg tctttggcat gtgaagtagg caaatttcga actttataat 22680
 aatagcctag acttacaaat acttgccctg gtaatcagga tgagtttttg agagacaaca 22740
 tagtctagtg ttaatcgctg ggacaccaga ctgcttgagt gaaatacagg ttctaccatt 22800
 tattaacgga gtaatgttgg gtaagctatt tagccagggt ccttatctgt aacatggtga 22860
 taataataaa gattaaataa taggtgaaaa atgttttagaa taccactgtg ttattagtaa 22920
 gcaccatgca taggtgtttg gatttaaaaa tactggcaaa ggccagggtt ggtggctcac 22980
 acctataatc ctgcactttt gggaggccaa ggcagaagga tcgcttttagc ccaggagttc 23040
 aggaccagtc gaggcaacat agattccgct tctgcaaaaa atttaacaga attagttggg 23100
 catggtagcg tgtgcctgta gctacttggg aggctgaggt agggaggggg aggattgctt 23160
 gagcccacga tttcgaggct gcagtgaact tatgatcatg cactgtact ccagcttggg 23220
 tgacagagca agactctgtc tctaaaataa aatgaaaata aaactgcagg caaaaatgcc 23280
 aactgaagag tgaacatgaa cttttctttt catttttctt gggcctgaga ctttaagaag 23340
 tgcagggcag ttaaaatgat gagatataat tctcacctat cagctcagca gaaattaata 23400
 agattaaaaa gatgcgtaat atataatatt gcagagtgca tgggggaatt gatatacaca 23460

ISPT1010.ST25.txt

```

ttcatgaact ggcagagaca aaaatgggca cagaaccatt tggaaagcta ttgtgtatTT 23520
taaaaaaTTT cagtagcaca ttttttatat catgaaatTT cacttcagaa tgtcagtcct 23580
gtagaaatac tgacgcaagt gcaaaaacaa caaaaaccaa cttgtacctt caaggccaga 23640
aagagttatt tcaccaaata acataattga ggtacattaa ctttattaga agtaaactctg 23700
ataatctgct cacattttta atagttatgg ttttaacttca gttcttgaag tcacatatTT 23760
ttacaattag gaatgctaac aggctTTTTt tgcaatacga aaagatgact ttaaatgcct 23820
acaattatTT tgtgtcctTT tttttttttt taatttttac tgacctacta caaagcacta 23880
aatatTTtat gttcttaatc tgaagaacaa tagacattct ctataaaaca actcttgctt 23940
attcatgaac tttgtacaca agaagcttaa taagacgggc tcaaaattat ttttctaaat 24000
atatttccta taaaaaataa tttcaagata taattgttac ttttgtgtct aatactgtat 24060
gttaaataat aaaatggtaa gcatgtaaaa actacaatac cacaaagatt gagctatTTT 24120
gccagtagta tactccaact ttagttctag aacagttgta gaaatgggta aacaaactgt 24180
tttaactgta ctcttaactg aaatatagta ctttatgcag tagcagaaca tatcagcaga 24240
agaacttcac ttgacctgta cttaaaaaaca aaacagatgc aatttataaa atttagagaa 24300
atatagtgac cttatTTgca tgtggaaaat gtacttcttt ctgatctaca tatcttctgt 24360
tgtgcaatgt aagcagtaaa acaaatagta caggattcat ctctgtggga cctagacccc 24420
ctggctaac aaataattct tggtcagtac tgtaattctg tggataaaaa ctgataaaat 24480
tagccttcct gtgactagac aagaagccg gcagtttaaa tgcTgaaact cacaagaact 24540
tcagaagctt tagctttaag ctttaagctt acttagaaat gttataagac ctccagtagt 24600
cacatatgaa gaatatcatg aagatTTTTc cattaaatct ttattataga tcccttgatt 24660
ggtttctgtc tagactcatt gtgtgataaa ggacataata atttttatca cttcatcta 24720
atataggTTT gtcaactcta tattagttgt tttcttgaag gctggTTTTc ttccaaaatt 24780
cagtcttatt ttcagtctac actagctttt aaatatactg tccttttagat gctttatcta 24840
acctcaaatt tctaattgat ttgtcttaga cacttattgc cactccttag atagtcatTg 24900
ctatctttga agttctggac gatacgtgta ttacagagga actggagaca ttccatcacc 24960
atagttagct tgattggata ccctttaaaa gcatatactc gcgcctgtaa tcccagcaact 25020
ttggggaggcc gaggcgggtg gatcacttga ggtctggagt ttgagacaag cctggccaac 25080
atggtgaaac ctgtctgtac taaaaataca aaaattagcc tggcatggta ccacatgcct 25140
gtaatcccag ctactcagga ggctgaggca ggagaattgc ttgaacctgg gaagtggagg 25200
ttgcagtga ccaagatctt gccattgcac tccagcctgg gtgacaagag cagaactcca 25260
ttaaaaaaaaa aaaaaagcat atatagcaca tattataagg ttttcaattt tttcaccaag 25320
tgtttcattt gggtagtcat ttattggtag tttacatcag ttgagtgggt cagaaaaaat 25380
acagtaagtt gcttataaaa ttctgaacac tttggccagg cacaatggct caagcctgta 25440
atTTgagccc tttgtgaggc tgaggcagga gaattgcttg agcttaggcg ttcaagacca 25500
gcctaggtaa caaagaacgc ctggaatgat tgtggcattt gaactaatat tcaggTTtaa 25560

```

ISPT1010.ST25.txt

caagagataa ttgaccatca ctctatttta gaggctttat ttgaaccaga tagaaatcta 25620
 tttccacag ctatcactgc ctgtcaccta caacttaagg gggttggga ggaagtgaga 25680
 gattttctgt tagggccaat agggacctgc tagatacccc cccatcctgg gaatggtgta 25740
 tggaactcca gtgtatgctg gagttattat catcatactt gtttttttat tttactcttc 25800
 tgcttataca gatcaagtct tacgttttat ttttaagttt aaattgaaaa catttacaga 25860
 gaacaatgca gtgaaatgaa aaaattacag actgctggca tttgcatttt catgtagcct 25920
 cagtgactaa ttttttttta ttgtacagca ttgagaaaat cctagtccat ataactagtt 25980
 atagttcata tagattcata taactagttt taagtataa tagtttcttc ctttttttcc 26040
 tccacatct aaccagatga agataatagt ttttaatagc tcaccgtaaa tttcaaggta 26100
 ctcaagttaa attgatctag atgcttgagt tgaaattttt ctatcaaagt tcaataacat 26160
 gcttacattc cttattaaag tataaaagtc ctataaacac acaaacttga gtaagtacta 26220
 aaactagtat cagtattgtc acaataacaac atgttatatt gtaacaagag catttgctga 26280
 gaactgtgct tgttactcca gaatgttgct tctatggttg tacctttcaa ctttgcatat 26340
 catttggaag gaggagagat ttgggggtgga gacaattcgg tacttcattc acaggatgta 26400
 aggaggatta agtaaaataa tgctggctaa aagtccttat ttagcatact gcccaatgct 26460
 cactaaatca taatagctgt ttttaacatt tgggtgaagaa tctatttaac aggagtgagt 26520
 tgaggggcat aggagatcat gtgagtgttt aaagtagaag cagcattccc cattaagaag 26580
 agaaatactg tggaagagca aagactttta aacacctggg ttcaaactct atttgctaca 26640
 taatggctac ttttaaccta ttgaacgcca gttccctcat ttgtaaaata gggacaatat 26700
 ttaacctatt tacaggttgt gagagaacta ggcacctagt acagggtaat gttggcacat 26760
 ggtaaccttt aataaactgt tgctattcaa caagctatta gatgtcacta ggcagttaag 26820
 caaaggaaga cagcttttgc ttggtgtgac aatgaaaatc tttctgattt cttcttgga 26880
 agagttccct gaagatatgt cattgtattg acacctttat ttttgctaac ctatccctct 26940
 aaattctgga tattgtgtgt gccacagctt ttttcttcc atattcctgc atttatttgg 27000
 cacctgttgt gccagtaata gataaggggc tgctaaggga ggaggcaacc tgcactggct 27060
 tatagctgct aatgtcagtt cctatagctt atcgtcagtg ttattcatgt ggtaaaagg 27120
 tgagaaagta ctggagtcta aagaaacaag tagaaatcag tttgtagcta ttaccgttct 27180
 acctgctaac aactcctgtt ttcaagttat tatgtacaac tttaggtagt ttctctagcc 27240
 ttaatcgtgg tttctctgta ttgagactac ttttgaattc tatgaagtac agccttagat 27300
 gtacaggcta ctttaaat tttgcctaaaa taaaaacatt ctctccaatt acatatgctg 27360
 gggaggaaaac acctgcttcc gacaggttta aagcttgggtt ttggactttt tgtgagagtt 27420
 ccttatgtgt gcagtaatcc aaaatttgta tagttgccct ttataaaagt acattaatct 27480
 agtagacaaa tctccatgta acttaattac atggcatctt ctaatccttc tgtgataagc 27540
 agaaatgtaa agttttattc aagttaaggc aaactaactt gtatacactt tccatctcgt 27600
 gtttttcttg ttgttgtaaa gtaggataag ttctgaacgt cgaagagaaa agtctcgaga 27660

ISPT1010.ST25.txt

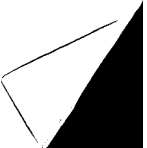
tgcagccaga tctcggcgaa gtaaagaatc tgaagttttt tatgagcttg ctcacagtt 27720
 gccacttcca cataatgtga gttcgcatct tgataaggcc tctgtgatga ggcttaccat 27780
 cagctatttg cgtgtgagga aacttctgga tgctggtgag ttattttaca aggggtataaa 27840
 taggcctgaa aattagaagt tagaagtaaa tagaaattat ttttagaagg tggtcgcaat 27900
 gttttgatth tgtatacctc tttatattgt gatatgtaca cgtttaaaaa tttttctgta 27960
 attctcacta tttttatcaa gcttcatttt tttctcatca gttattcttt gaaataatca 28020
 ttctttatgc acataatttg ttttgcttta ttctcttaaa catactctca attcttttct 28080
 aatataacat cttttttatt acctgctttt aaagcttttag tcaggaataa gatactggct 28140
 tttccctcc cccctttttc tctgtttcca tctaccttc ttcttttaaa aaacatgact 28200
 caggccgggc gcggtggctc acgcctgtaa tcccagaact ttgggatgct gaggcgggtg 28260
 gatcatgagg tcaggagtgc aagaccagcc tggccaagat ggtgaaaccc catatatacc 28320
 aaaaatataa aaaattagat gggcacgctg gttaggtgcct gtaatctcag ctactaggga 28380
 ggctgaggca ggagaattgc ttaaaactcag agggcgggagc ttgcagtaag ccgagatcaa 28440
 gccactgcac tccagcctgg gcggcagagt gagactccat ctcaaaaata ataaaaataa 28500
 taaataaata aaaaacatta ctcttctttc ttcttctatg gtttgctttg ctgcattact 28560
 ttaatcatga aaagcagctg gcacatctaa ttatagtttt tctagcttct ggccctgact 28620
 tttctgtgtt gaaatggctg tatatatata ataaagtgtc tgcgagaaaa ctttgtaaaa 28680
 acatctaaat attatatcat ttaagtacaa ctttttaact aattattttc ctcttcttgt 28740
 gcccttttta ggtgatthgg atattgaaga tgacatgaaa gcacagatga attgctttta 28800
 tttgaaagcc ttggatggth ttgttatggt tctcacagat gatggtgaca tgatttacat 28860
 ttctgataat gtgaacaaat acatgggatt aactcaggta aaatgcacac atattaagag 28920
 ctcttctata tgthttttatg atthttatgat ctagccctaa tttttaaaaa tgtgtttaca 28980
 gtttgaaacta actggacaca gtgtgtttga ttttactcat ccatgtgacc atgaggaaat 29040
 gagagaaatg cttacacaca gaaatggtaa gaaaagtctg ttgtttgatt taatgtgaca 29100
 ggtggtttta cataataaga tactattgct aattattaaa ctttgctatt gtacttacct 29160
 aaggcaaaat gttatttcat gtttaataaa atgtctattc tttgttaaaa ctattatttt 29220
 agthtttagg aatttcattt tgaaagccca cctaattgca taaataattg tgtgggtgtg 29280
 agaaataaaa tggaaaagta aaatcatgac caagagagtt acaaataact tttttttttt 29340
 ttttttaaga tggggtctcg ctcttttgcc catgctggag tgcagtggca caatcagctg 29400
 actgcagcct tgaccgctgg gactcaagcg atcctccac ctcagtctcc caagttagct 29460
 gggaccacag acgcgtgcta ccatgccag ctaaatthtt aaaaattatt tgtagagaca 29520
 aagtctcact atgctgctca ggctggtctt gaactactgg gcttaagcca tcctctcacc 29580
 tcggcctctc aaagtgttg gattacaggc atgagccacc acgcccaggc tacctthttt 29640
 ttctthttct thttaaattg tgataggggt tcttgctgta ttgccaggc tggctctaaa 29700
 ctctgggact caagtgatcc tctgggtca gcctcccaaa gtgctaggat tataggcatg 29760

ISPT1010.ST25.txt

cgccaccaca cctgggtggag ttaaaaaatta aaatacacca ttaaggcaag gagaaattat 29820
aatacaaatg gcagataata ggacttttaga cagtcattaa agttgaggtg ccagtttgag 29880
tctaaggccc aataaaaaaaa gttcaccaga attttaagac aaacaactgc ttatttgact 29940
tctttggatg ttctcaataa ttcgagaccg tgtagttaga ttataaagta ttacattgtg 30000
gatgcccaca tattaacaaa aatagagagt aagacctcta attccttagga attaattggt 30060
aaaaataatc aagtgttcca agattttttg gaaactacct cttgaattaa aaaattaaag 30120
tctttctaca tttttatctt gttaaacagt gtatactgat cataattatt taaaaaatca 30180
tgtgttctaa gatttttgga aagtacctct tgaattacaa aaacaagaaa gtctttccac 30240
atgtgtgcct tcttaagcag tgtatactga tcataattga acttttcttc atgatggaaa 30300
gttaccacaa ggaaaatttc ttatgttctg ctgttctttg ttgctctcca atttaagtgc 30360
atacgtttgt ttgcttctat attataaaac ctcaaattta ctttttgtat aatttttgag 30420
gttttctttt tcatctcatt tattataata atagctaacc tcatttgaga gaatgctgtg 30480
tgccaggaca ctgttcttcc tattttatat gcttttaact cctttattcc tcacaacaac 30540
cctgtgaagt taactgttag acaatttcta ttttactag aaactgaggt acagagttac 30600
taagtaactt tccaacatt atttggttag taaatggcag agcttgggct gaacttcagt 30660
agactggctt cagagtccac gctcattagt cctttggagc gcttttcata ttcttgaatt 30720
ctcacattct gtcttttttc actctgtcag caggacctga ctctgtttt taaatttcat 30780
attgtgtttt tactgttaat ttggaaaaca aatgcatact ttttagaatt ctgtataaag 30840
gaggagtaaa tatgctgtga acaaggacct aagtgggttg tcaatgagtt taatatatga 30900
gttctaattg gcagagttga ggtttatatt gactgctcag tgcttccctg gggctagact 30960
ataaatggat ggatattagg aagtcttgtt ctgatttggg aatgatgtta atgcattatt 31020
ctaaatcaga tagtcttaat atagtttaaa tgtatgtttc gaaccaaag ttctttttta 31080
aagcacacaa acattttgaa atcattacta atgtggttaa tgaattattg atgttccatt 31140
gggaaactaa aatgcagatt tttctctttt agaaatcagg gactattgca aagcatcaca 31200
ttttagtgat acactgagag ccagtggtgt gtttatacaa atagtcctat tttccaaata 31260
aattctagaa aaatgcttta gaatttataa attatacaaa atatgactta tttttagaga 31320
gtttaaaatt taggtttttt taatggtttg tttttgttg tttgtttttt gttttttttt 31380
tcctcattag gaaaacacta gtacttttca gttacctga tttttaaatt aatctgcagg 31440
tccccattca aaggccttg gttcctttca aaggctcagta taattcaagc ttagtttatg 31500
aaggactgaa cataccacaa ggattttgca tgtggatctt tactgccact accacaacca 31560
tcaacaccta cacacacag acacacacac attctctctc tctctctctc tctctctctc 31620
tctccccctc cctcccgac tccttccctt cccctcctt tgctctcatg gcatctttta 31680
aaaatatact cttaaatcct tccagggagg gcaaatcac ttcttaatct aagtaaacc 31740
aaatggcatg catcagcacc aggactgcc atctttccta gttccattat tcatagagta 31800
taggctggaa ttcatttgt tcctcaagag tccagcattt ctagttaacc atgcctacat 31860

ISPT1010.ST25.txt

ttaaacttac tctcatttct tttctacttt acagtgtttt ttcaatatac tagcattaca 31920
gtttccagat ttgatttctc tcctgtctta tttccatcag ttttcaagtc tattaagatt 31980
ctacctcttc atttgtcttt tgccaccatt cttttccctc atactctact ggctcagccc 32040
tctcattaca gtcacctaatt tctaacatat atattgctgc taagttaatt ttccttaagt 32100
tactgattgt gcttttttaa agccccctgt tgaatattta ggcaggactc catgtggaca 32160
tccacagccc tccgtggtac agccctaacc tccccttcta gctttgcctt actactcttc 32220
tacgtgtact ctacattgtg gacaaactac tatatgctgt ttttcaaaca tgtcctattt 32280
ttcctacctc tgtgcttttc attctcttac ttctccttgg aatacccttc taacccatct 32340
ctacttactg acattctaatt gtctcttttt ctaagcaaga cttcttgatt tcccttgact 32400
agaaattatc ttctaagctc tccctatcct tcttttaaagc atttttataa gtctcaagta 32460
ccaactctac attgtgtttt tgttgacctt actatatcta ctacattttt aacttcttca 32520
ggaaagggtg cgtatcttac tcatctttgt attgcctaca atatctagtc caggttctga 32580
ataataaata tttttatatg tgttctgaag cacttgacc aatgaagata agaaatcaag 32640
aggctagttc cttatttttt ttaatttttt tttttgagac agtgtctcac tttgtcacc 32700
aggctggagt gcagtggcac aatctcagtt cactacaacc tctgcctccc gggttcaagt 32760
gattctcacg cctcaacctc ccaagtagct gggattatag gcatgtgcca ccacacctag 32820
ctgatattta tatttttagt agagatgggg ttttgccatg atggccagca tgggtctcaa 32880
cttctgtcct caagtgatct tctgcctca gcctcccaa gtgctgggat tacaggcatg 32940
aggcataagc cactgcgccc agcaagatgc tcttttctca gtcacctaaa tataatctca 33000
tttttagtta tagaaggttt gaaattggag tgaatagact ttacttaatt ctgactttat 33060
ttctgtagct ttttttttt gagatggatt ctgctctat atcccagggt ggagtgcagt 33120
ggcacagtct cagctcactg caacctctgc ctcccagtt cgagtgatc ccctgcctca 33180
gtctcccaag tagctgggat tacaggcacc cactatcaca ccagctaatt ttttgtattt 33240
ttagtagaga cagggtttca ccatgttggc caggccggtt tcgaactcct gacctcaagt 33300
gatcctcttg cctcagcctc ccaaagtgt gggattacag gcatgagcca ccgtgccctg 33360
cctatttctg taacttttga taagtcattt gatctgttgt tgttgttttc tcatagtaac 33420
aaagtagaag taattttctg cctgctttac tagataaatt aaggggaaaa aaataagata 33480
cgtaaaaatg ttatttgtta ttaaaaagaa agttgttatt ttaaaggttc tataaagaca 33540
tagagtgtt attagaaatt gagctaacac attcaggaaa ggataggaag agtttgctga 33600
agttctttct ttagggattc ttgtgtaccg atagcacagt taaagagcaa actcatacca 33660
tttttatatt tctgtgtatt tgactaagct tactggcttc aatgattaac tgttatccca 33720
aatatggatt atctttcagc caactcaggg aatcacagct actgagtagt gtgtgtcaga 33780
tctcttgggt gtgctggagt gagtaaaagg ggaatgaatt actgtgttca tgctgagact 33840
taattgaacg ggtattcagt tgatctaggt gatgggcact ttgttacttt tattgtaaca 33900
aatttgtata tttagttgct ttaaaaacttt atttcatgct ttcattaggc cttgtgaaaa 33960



ISPT1010.ST25.txt

agggtaaaga acaaaacaca cagcgaagct tttttctcag aatgaagtgt accctaacta 34020
 gccgaggaag aactatgaac ataaagtctg caacatggaa ggtaagtga aattatattgt 34080
 gattgattat acactttatt tatacataga cattgtagta ttaagataac tttagaattg 34140
 tgagggaagg ttacagttc catggtgttt gggtatgtaa catttatatc ttcaactcat 34200
 ttgcatgtga tctccaaaat gcagaaccgt gtagtaattt gccaatgtga ggcacaaact 34260
 taaattacgt gaattgtggc actggtgttc caggcttaat cagttggctt tgccagccac 34320
 acaatatttg aatcctgata gggcttaatt ttctattaat catggtttta tatctttgtt 34380
 caatgttgaa acatagtcac cagtgcaga aataactatc aaacagccat gatgatgaga 34440
 tgaatgaaa agcagcctag actttatagc aggggaattt tttaaagagt aatgtatagg 34500
 ccctgggcag gaagtaggtc ataggtggta tcataggaaa aatgttcatt gattttcaaa 34560
 aacgtgatta atccactagt gacagtaaat tttatcaaag cttactggcc atgtcagact 34620
 caactactta tctctgcttt tttttccct agcattgtaa atattttttt taactgcttt 34680
 gttcttcata cacaggtatt gcactgcaca ggccacattc acgtatatga taccaacagt 34740
 aaccaacctc agtgtgggta taagaaacca cctatgacct gcttgggtgt gatttgtgaa 34800
 cccattcctc acccatcaaa tattgaaatt cctttagata gcaagacttt cctcagtcga 34860
 cacagcctgg atatgaaatt ttcttattgt gatgaaaggt aaattagatc taaaatgtga 34920
 atttgaaatt tttaattagt ctacagcatt actgaatatt caccatagca aagattcagc 34980
 gctggccatg catggtggct cacacctgta atcccagcac tttggaaggc tgaggcaagc 35040
 ggggggtgga tcatctgagg tcaggagatt gagaccagcc tggccaatgt ggtgaaaccc 35100
 catctctact aaaaaataca aaaatttagt ggacgtgggtg gcaggcacta ctcaggaggc 35160
 tgaggcagga gaatcgcttg aacctgggag gtggatgttg tggtagctg agctcacacc 35220
 accacactgc aagcctggat gacagagcaa gactcccatc tcaaaaaaaaa aaaaaaaaaat 35280
 tactcaatgt taaactatac ttccactaa attgaacaga atgatacatc ctataatatt 35340
 agattaactt tgtaaatata ttacagccaca ttattgaac atttactctg tactatgaac 35400
 acttacttta ctaggtgcta tccagaagtt aagatgagtc tttttttccc caataggggc 35460
 tctacttact tagagaattt caaagatatg cagtgtgtat tttgagcaaa gatagattac 35520
 cttaggttg ggactagaaa gccaatgtt tgtacatctc ttcactctac atattttccc 35580
 tgagaagctt caaccttgcc catggtttct attactatct cccacatttc ttcctgtaac 35640
 taattctatt taattgcaa cttaatatct ctatctggat attcttctgt attgtaaact 35700
 aagtattact gtaacaactg tactactact gccccaaac aacatcatca tcaaaaactg 35760
 cttttcttcc tataatgctt attgtggttt aatacaccac catacacaca tgactccagc 35820
 aaaacttttg aagtcactct taacttttct ttacattca ttggctacat acagttgggtg 35880
 tctaaatctt acagatttac tatctacata tatctcttga tccatttctt cttttccatc 35940
 cttgacttcc tgccattgaa ttcatagct cattattact cttgacttga gttgttgga 36000
 tagctgcctt ttgccaaca gatttgtacc cttataatct ttcactaag ttgccagaaa 36060

ISPT1010.ST25.txt

gtgggtgtcc taatgtgaaa atcagatcat gtcattctgt tgttgaaaat gcctcaaata 36120
 cttccctcca tctttgcaca caaaaatatt ttgtttataa aaatactaga tgagggaagt 36180
 aaatttttca tttatcaaaa gaagatgtgt attttagaag actgaaaaaa aatagaccta 36240
 cacaatacaa tctaaactta gcatggcaaa caaagatatt tatgctctgg ccctaactct 36300
 gtctttggaa tcagatgtta gattcactca tggcttgag ctctgatact tacaatgtgg 36360
 ccttggcctt ggtacttaac tgttgtaaaa ttcacattcc ttatctataa aataagaatc 36420
 atggctgggt ggggtggctc atgcctataa tcctagcact gtgggaggcc gaggtgggtg 36480
 gatcacctga ggtcaggagt ttgaaaccag cctggccaac atggtaaaac cccatctcta 36540
 ctaaaaatac aaaaattagc tgggtatggg ggcacatgtc cgtaatccca gctacttggg 36600
 aggctgaggt aggagaattg cttgaatcca ggaggcggag gttgcagtga accaagcttg 36660
 caccactgca ctccggcctg ggagacggag tgagactcca tctcaaaaaa caaaaacaaa 36720
 acaaaaaaaa gacctcagaa ggatgttgctc aggattaaag gaggccattg agtgcctagt 36780
 acagatagtg aatgcttcac tactggtgtc aactttaaga aaatgaatat agaaaagcta 36840
 agaattatth taaggtgttt actactagca tgtaaatgta tgatgggaca gagatttcca 36900
 tcctatthtg aggaattatt ttttattttt ttgaaaactt aaggtaacaa agtagagagg 36960
 aggccaggga gaaaggaagg tagtgagca aaaatgagaa agggagtgc attcccctct 37020
 agttatagca gaaaattagc aaaatgatca tgacaggagg taacagtaaa gacagccagc 37080
 tcatatatca accaagacag ttttgagttt gaccagcaga ctgttattht ctggtttaga 37140
 gctctthcca ggaactthct gcatctataa cccctgagaa ccaagctatg gaaaaaattt 37200
 tgctcaattt taagaaaatc taacatatca agctcctcaa ctccaaaata ttccacaaat 37260
 agctgctatt tactatactg agtaataatc atttaaaatt attcaacact ttatttgagc 37320
 atctactatg ttcatggcac taaagtagaa atgaagatga acagttcctg cctcaaaata 37380
 aatgagtagt atactgctth agatcatggg tttcctagtc cattaaaaac actthtttgt 37440
 catatthtct ggacaccccg accctthttg tatagaatat aacctatgta attctctaaa 37500
 gttaaattaa cctcacttht ctgctctaa tatgtgtaaa actgaccttc taggaaagca 37560
 tatacagttt atatthttga cttcttggt tctthttagt atagacatac ctgagattga 37620
 gaagcactga ttgacattag attaaatcag agcttcctat gacaatataa acaatacctt 37680
 catatctg atccccctac ctacttcttc agcatcatct catatctgtc tccactaatc 37740
 atattataga atctthgtta cctgcacat gttaagcatt tttaaaaatc tthgtttat 37800
 accatacctt tthcctgaaa gcggtthttg ctttcctthg tctctagtca taagtctct 37860
 ataagaggct gttcctcatt ctaccattcc tttgcatgga taggattcca tggaatagat 37920
 tctcatcact gcatthtca cattatthcc taagtagtac agtacatcta ctggaagatt 37980
 agccacgtat tgagthttgt cthtgcatth tcatgcctag aataatgccg ggcacacata 38040
 ggcataatga gatttgaaata gtgaaaaagt tthtaattcc atggggattt tathtaaaca 38100
 gaaaaatata agaccaatta gaattattht taaagcataa tthcaagaaa tatgactgat 38160

ISPT1010.ST25.txt

tttgtttaaa aacatgtttt cctttataat gctgccacct ggtgttgctg tgtttagaga 38220
 tgtccctttg taaagaattg agggtttgag ttgagtttg tttggttttt ggcaaactcag 38280
 cttttccttt gtatatattt tttgtaataa actatggaag atcttgcctt taagtgtgag 38340
 aacacaagca atgttacttt tataccttta tagaatatct tgcctatgtc cttcctgtag 38400
 ttaggtaggg tttttttttt gacacacagc atgttatata aggtttgctt gcacctcggg 38460
 aggaaagtcc tctgaaatct aaaggctgag aatctaaaag cttaactcat gttttgctcc 38520
 tagaaagact tgagaagaga gtatttctgt tcagcatggg actaagaaga cagctttctc 38580
 ttcctcatgt catgggtgac atttcatact gcttacagag aataagatct agtctctgtc 38640
 ttaaataaag gtctactctc tgccagcgag ctagataggg taattggatt gttttccaat 38700
 ctattttcat ttgaaatatt gttttatctg aaattactcc cataatttca tgtaatgcca 38760
 aaaactaaac taagtacaag agcatcttca aaaaccaaca taattccttt agttcccatt 38820
 tagtgtagat gctctttggt tgatgatatt agaattgtgt aatggctatt gatctctcaa 38880
 agtgaggtgt tgcctagggg cttaaaagtt actacataaa gaatttggtt ttatgaagaa 38940
 atgttacaga ttttatctat attttaaaat aagtgtgaag gactacctt ataactttta 39000
 ccatgtagtt tagtagtatt tcttatctgt ttattaatac cctgccttgt taccaaaagt 39060
 atgtataatg agatgtaata agaataggt acaagtaggc tgggcacgtt ggctcatgcc 39120
 tgtaatccca gtactttggg aggccaaagg ggggaatta cctgagttca ggagttcaag 39180
 acgagcctga ccaacatgga gaaaccccat ccctactaaa aatacaaaat tagctgggca 39240
 tgggtggcaca tgcctgtaat ccagctact tgggaggctg aggcagggga atcgcttgaa 39300
 cctaggaggt ggaggttgcg gtgagccaag atcacacctc attgtgctct ccagcctgag 39360
 caacacgagg gaaactcttg tctcaaaaaa aaagaccagg taacaagttt ggggtgaacag 39420
 gattaaagag ttaaataaca ggaggaatct agaggactta aagaaatgtg tgggtgtgga 39480
 ttttaataact gtagttgcca aagggtgaggt gtaaatttat tctaagcaaa ggaggatgct 39540
 catttttgaa aattcacttg tccataagat taatgcctat cagttaactt gggaggagaa 39600
 aaatttttct ttatcagtgt ctcccttttt tttcttaaat cttgtatttt ttactaacag 39660
 aattaccgaa ttgatgggat atgagccaga agaactttta ggccgctcaa tttatgaata 39720
 ttatcatgct ttggactctg atcatctgac caaaactcat catgatagta agtacaatgg 39780
 aagaactcag agatattcta attacttaac tgttgcaacc tctgtacagt ttggctaccc 39840
 atctaattct ctggttaaaa gttctagact aaatgtgtta acaggcctat tcagtagaga 39900
 tcttgaccat tttgtgtttt gtatgtgttg caacaaatat cagtaaaaat agaactcatt 39960
 aatcatagaa aaaacttcct ggcattttta atacaaagac ttttgaaaat ccaaataatta 40020
 tagagtattg aatagcataa ttttcagaat tcacataaat actcagaaca gtgggttgga 40080
 tgtaaaaggc actcagaaag tatttgtaca atcaatgaat gtgaaggtgg tgaacatcac 40140
 ctttggtaat aagtaccatt ttaaaaaatg cttataagtg catagttagg tatttatatt 40200
 tatgggttca tgaaatattt tgatataggg atgcagtgca taaggataaa tggagtacct 40260

ISPT1010.ST25.txt

atcacctcaa gcattatctt gtgtgacaaa caatccagtt atactctttt gggtattttt 40320
 attttatttt attttatttt tttcttttga gacaggatct cactctcgcc caggctggag 40380
 tgcagtggag caatctcagc tactgcaac cccgcctac cgggttcaag agattctcct 40440
 gcctcatcct cccaagtagc tgggattata agcatgtacc accatgcctg gctaattttt 40500
 gtatttttag tatagacagg gttttgcat gttggccagg ctggtctcga actcctgacc 40560
 tcaggttatc cacctgcctt ggcacccggc ctcttttagt ttctttaaaa tgtacaatta 40620
 aattattttt tactatagtc acccaaaaaca agtacctttg acataagatt tgattctgaa 40680
 ttttactcaa atgaatgtta agatcccaa gataagttaa actttggact atctcacctg 40740
 tttaatctgt acctatgcat gacttccac tgtgcttgag gatacctgaa tatcactgag 40800
 tttgtgtgac tgatcagcct tgaactcaag agtaaatacca agtctgcagt caggacaccc 40860
 caatcctcaa aataatacca tcattagcat ttatttagta ctttctocca aatcagtatt 40920
 taatttaaat tgccaaaaga cttacaatgt ggtatcaatt tataatttaa tatgctacat 40980
 atagcttttt aaagcatctt tggttctctg gaaaccatag tcagaattta aggaagtatt 41040
 tgtggcacca ttttcttgaa aaaggctatt gattattctc taatctgaca ccaacctaag 41100
 tcattaaagg aatttttagt actgaagatt gtatattcat gaactcttca cttagctcac 41160
 tggcagcaaa ggagttttat ttaggggtt tgaaaaagga aatgggtaca ttttcagcta 41220
 ttctgggacg cactgtcaga atgtaagcag ttacaactga ttccactaaa taaacatttg 41280
 ttttccaaaa caatgatgaa cattcagcat ctgttcattt aattgaaaat tcaaagttaa 41340
 aatattttct ctgcatgatt ctttttctt tccccctag tgtttactaa aggacaagtc 41400
 accacaggac agtacaggat gcttgccaaa agagggtgat atgtctgggt tgaaactcaa 41460
 gcaactgtca tatataacac caagaattct caaccacagt gcattgtatg tgtgaattac 41520
 gttgtgaggt aagtaagttt gagaaataaa ctttttggg gaacaaatag taattctttt 41580
 tggatactct gtctatttat aggaagataa gataataaat attaaactaaa ttttaattct 41640
 tttacatcgc taccaaatta ttattttcta tactctgacc taggtttcca gtccagctat 41700
 tccacagtga tgctgctaaa cactgtcagt agttgtctat cccatacct tcactcctat 41760
 ttttaaaaag accatgaaaa aaataccaga tccattgatt ggtttggtct aattatacag 41820
 atatcgcat atactatctc aagacagctg tgttcttttt gtaggaagaa tcctggccta 41880
 gatttgtatc atagctctac cactcattag ctccctgacc ttggggaagt ctcttcattt 41940
 ttctgaattt catctatgta gataatcctt cagaaggtta taatgaaaat taaatgaaat 42000
 tctatgagat tagggagggg ggagggatag cattaggaga tatacttaat gtgaatgatg 42060
 agttaatgga tgtagcacac caacatggca catgtataca tatgtaacaa acctgcacgt 42120
 tgtgcacatg caccctagaa cttaaagtat aatttaaaaa agaaaagaaa ttctatgaga 42180
 ttaataagct atatgatgta atacatggct cttgtatatt catgaactct tcacttagct 42240
 ctttggcttg tgaatattat gtacatcaaa atttaatttt tcatttgatc tattttacta 42300
 gactcctgcc ccatctagtc tacctgtcca cattattacc acattctagt ccatcttgcc 42360

ISPT1010.ST25.txt

cattactacc aggctaagct ttctagtgtg gatatgtcat catcttattt tccttagaat 42420
tttagcgcgc tttttatcat ttccaagata aacacttgcc taggtgtaca gcatccttgt 42480
ttaccatcat actcacgcat tagagattta gccttccctt taaaatctag ggtcactcct 42540
cttaggaaga ctttgggcag tttttatttt tgctacttct gacacccatcc tttaatgttt 42600
taatattagt gccacagagt tcttttgtga ctttaccatt atgtaagaat cttccacttg 42660
gaatgtcttt ctcttcctca caccacagtc tgcctagcaa atgccacttg atcccaagta 42720
tcagcttggt agcttctcag tgaagcaagc cttctctatt ttagcagtta tcacagtgtg 42780
ttttaattgt ttacatatct actttcacaa tgggttataa atttcttaag gtcaagggtt 42840
ggctatttta atctttgcat tatcagttca tttcagatag tgaacattta atacgttaat 42900
taaaggaata atttacattt aagccaaacg tgaagataaa ctattgctca tcatccctct 42960
tcagccgtat cctgtaggtg gtatcacctt atattcttac caccaaagaa aatatggccc 43020
ctctcttaga aagatcttaa tcatctatct gtgtatcttt aggactatcc ttagatcatg 43080
cctcacatat tgatgccaaa gagttctttt gtgccaattt cataatgtgt gtcagcacaa 43140
caattctgaa gatttggttg tgtctttcat gtacttgact acaaattgcc ttgccattac 43200
tactcttctc aaaggatctc tgaaattctt tttttctttt ttttttttga gatggagtct 43260
cactgtcacc caggctggag tgcagtggcg tgatcttggc tcactccatt tcccagctc 43320
aagtgattct catgcctcag cctcccaagt agctgggact acagggtgtc accaccacac 43380
cgggctaatt ttttgtattt ttagtagaga cagggttttg ccatgttggc caggctcttg 43440
aactcccagg ctcaagcgat ccacccgcct cagcctccca aagtcctggg attacaggca 43500
tgagccacca cgcccagcct ggatatctga aattcttaac tgaaattagt caaattatct 43560
tgtactgggg attttttttt taatttcaac ttttattttt gattcagggg atacatgcat 43620
aggtttgtta catgggtata tcatgtgatg ctgaggtttg ggttacaatt gatcctgtca 43680
cccaggtagt gagcataata cccaacagtt gttcaaccct tgcccctctc ccctagtagt 43740
cctcagtgtc tattgatgcc atctttatgt ccacaagtaa cccagtgttt agctccact 43800
tacaagtgag aacatgcagc atttggtttt ctgttctctg gttatctcac ttaggataat 43860
ggctctctga tgcattcatg ttgctgcaaa ggacattatt tcattctttt ttatggttgc 43920
atactgtgga ttttattggg tctttatttt gtattagcat tttaaaacc taaatgtgac 43980
acagtacgca tgagtgatca tgcattctca gaaatcttga aatgttcctg tccataaagc 44040
agaatttttt aagagacat ttcacagtct cccttccct cactgtatca agtgctcatt 44100
tgtgaattac caatttctct tgttttgaca gtggtattat tcagcacgac ttgattttct 44160
cccttcaaca aacagaatgt gtccttaaac cgggtgaatc ttcagatatg aaaatgactc 44220
agctattcac caaagttgaa tcagaagata caagtagcct ctttgacaaa cttagaagag 44280
aacctgatgc ttttaacttg ctggccccag ccgctggaga cacaatcata tcttttagatt 44340
ttggcagcaa cggtgagtag ttatttttgt taatccccta aattgtgtct gttgctacaa 44400
gccccatttc aactaaacat tactttacgg tttttgttg taatcatttg gacattacaa 44460

ISPT1010.ST25.txt

gctaatatat gtttatagtt ttcttaaagt tatttgctta aatatttttg cccccgtaat 44520
ttcttaccat tcttgctttt ttatactggt ggaaattgtg cttcaaagtg tccttaaggt 44580
atttcttctt cccacataaa tttttcctgg ctactctatt tctgtatcct gctgtcagat 44640
tttctccaca gtttagcaga gttatatgga agtaggcatt gttgcattaa aggataaaaa 44700
agtagtcata ctataacatc aagcattgaa gatgaaaact gcaattttta agtagagaac 44760
attttaatgt ataaaaaggt tgggtattgcc ttttgtcttt tatgccatag agattaagac 44820
gcggtatcaa tagtggattg taaaggtaac tcagacttat ggttatacta tactattgta 44880
tgtaaaacttt ctgatgaagg aaaatttgggt gacattttgt tgtttgatga attagacaaa 44940
ccttttgtga aaaagaacat aaatttttta tatgtgaaaa tccttgtggc cgggcgcagt 45000
ggctcacgcc tgtaatccca gcactttggg aggccgagggc ggggtggatca cttgagggtta 45060
ggagttcgag accagcctgg ccaccatggt gaaaccccggt ctctaccaa aatacaaaag 45120
ttagctgggc gtgggtggtg gcgcctgtaa tcccagctac ttgggagggt gaggcagggg 45180
aattgcttga acctgggagg cagaggttgc agtgagccaa gattgcgcca ttgcaactcca 45240
gcctgggcaa cagagcaaga ctctgtcttg ggtaaaaaaa aaaaaaatc cttctatact 45300
ttagattgac tcatattttt tccccacaga cacagaaact gatgaccagc aacttgagga 45360
agtaccatta tataatgatg taatgctccc ctacccaac gaaaaattac agaataataa 45420
tttggcaatg tctccattac ccaccgctga aacgccaaag ccacttcgaa gtagtgctga 45480
ccctgcactc aatcaagaag ttgcattaaa attagaacca aatccagagt cactggaact 45540
ttcttttacc atgccccaga ttcaggatca gacacctagt ccttccgatg gaagcactag 45600
acaaagttca cctgaggtag gtgtcatgat ataatcagaa agggacaact ttcagatttt 45660
aacattcaag aatgtattta taagtttgat tcaaacactt atttgaacca caaattacat 45720
ttgtgtgtgt gtttgaattt tagcacttta aaattattgc aagagctact gcctaacct 45780
gacctgagca catgttttag gctcaaagat agtcaggaac atgggaagaa actagcttaa 45840
tataaaccaa aaggtgaaac gtacattggt tctctattat ttatatcagt aggacaaaa 45900
catcttgaat ttggacattt aaagagaata gtactaagtg tgctcaaggt agctacagcc 45960
tatacctggt acccctttta gtttgtttta ttgtgttttg ttttgttttg agaaagagtc 46020
tcactatcac ccaggctgga gtgcagtgggt gcaatcacag cctcaacctc ccaggctcaa 46080
atgattctcc cacctcagcc tcccaagtag ctgggactac aggcctgcat caccatgcct 46140
ggctaatttt ttaacctttt tttgtgtgtg tgtgtggagt tggggttctc actatgttgc 46200
tcaggctggt tttaaactcc tgggctcaag cgatcctcct gccttggcct cccaaagtac 46260
taggattaca ggcgtgagct accatgcctg gccattacc ctttgagtt ggagaactgt 46320
ctggtagcaa tagacttacg aggggtttaa tgggaaagga cttataaat tctttgcca 46380
atttagtcta atttccatca ctattttgaa attttgggt agtataatat gaaaataaca 46440
agtggtacat aaaataaata cttagtaact ggtctttttt attctggatc tgtcttgata 46500
ttaattgtcc tatgaacaca aaaataatct ttaaaggcta ggctggccaa gacttagaga 46560

ISPT1010.ST25.txt

tatacacacag ggctctatatt ctaaactctag aatgattcca ttttagggct tcctacatct 46620
aaaaatatgc tcaggagtag ggcaacttag atctgaacat tataacttga taaatgaggc 46680
ataaataagc ttttaataagt ggtaaataat tctacattag gtatttggtg aataaaaactg 46740
acaagctaag agtaggggat ttgacatctc acagccttgt gttgaatgaa tataatctct 46800
atgctctggt tgcttaattt acccagaaaa aaaaatgttt gattcatctt ggtttttatt 46860
taacaaaagt aaatctaaca aaaacgttag aatgaggaaa gcaaaatttc ttgttttagaa 46920
tacacagcta tagttttttg ttaaacttct tgcccagAAC tcttaaaata gtaataatgt 46980
acattcggtc aggtatatgc aggtaaaata acttaggttt ctactccac ccccgacagt 47040
aacagtgaga ttttttaggt gctcagtcac cacaggagtg tgccttctca gttcaaagg 47100
aaattccagt gaatgtagca tctagttaat tgggtcaatta ggtaccattg tgggatgtga 47160
attaccaaat aggttttatt ctttagaata aggtgtttct tttcatctca attttgtaaa 47220
tgatgttata ttacatagtc agaaatatat atattggcaa aattagttac cagtataagc 47280
ttcaaaatgt cactattttc acaaatTTTT tttttttttt ttttttttga catggagtct 47340
cactctgtcg ccaggctgga gtgcagtgcc atgatcttgg ctactgcaa cctctgcctc 47400
ccagggtcaa gtgattctcc tgcctcagcc tcctgagtag ctgggattac aggcgtttgc 47460
caccatgcct agctaatttt tgtattttta gtagagacga ggtttcacca tgttggccag 47520
gatggtctcg atctcttgac ctcatattcc ctccacctg gcttcccaa gtgctgggat 47580
tacaggcgtg agccactgag cccggcctag ttaaataaaa tttgataaac acgatggact 47640
tgggtgtgtg ttttctggtt tttctgagat ctagtttgaa aattctgaca actagcaaag 47700
tatatggaag cttcttcagg aaatagtaaa catatttctt tttacagcct aatagtccca 47760
gtgaatattg tttttatgtg gatagtgata tgggtcaatga attcaagttg gaattggtag 47820
aaaaactttt tgctgaagac acagaagcaa agaaccatt ttctactcag gtatatgaac 47880
ttatttggtt tatattaaat ttcattaatt tttagtctga agtgactttg agtttcactt 47940
gttttttatt tataagggtg ggccattgta aaaactcatg tatttgctgt tttaaaggac 48000
acagatttag acttgagat gttagctccc tataatccaa tggatgatga cttccagtta 48060
cgttccttcg atcagttgtc accattagaa agcagttccg caagccctga aagcgcaagt 48120
cctcaaagca cagttacagt attccagcag actcaaatac aagaacctac tgctaatgcc 48180
accactacca ctgccaccac tgatgaatta aaaacagtga caaaagaccg tatggaagac 48240
attaaaatat tgattgcatc tccatctcct acccacatac ataaagaaac tactagtgcc 48300
acatcatcac catatagaga tactcaaagt cggacagcct caccaaagc agcaggaaaa 48360
ggagtcatag aacagacaga aaaatctcat ccaagaagcc ctaacgtgtt atctgtcgct 48420
ttgagtcAAA ggtatttata tgtaacattc aagttatagt tcttttatta tttttgagat 48480
aaatgtatgt gatagtacat gatttttaaa cttatagcaa actttctgat atatatgccc 48540
taacgcaaat tcttgagaac tcaaaaaact ttctaaatta acctcatata ttttttcttt 48600
ttctttcttt tttttttttt tgagacagag tctcgctttg tcgcccaggc tggagtgcaa 48660

ISPT1010.ST25.txt

tgccatggca	ccatctcagc	tcacggcaac	ctctgcctcc	tggtgcaag	agattctcct	48720
gcctcagcct	cccagagtagc	tggtattaca	ggcatgcacc	accacgccc	gctgattttt	48780
ttggtatttt	tcatagagac	aggttttctc	cacgttggtc	aggctggtct	caaactccc	48840
acttcaggtg	atccgcctgc	ctcagcctcc	gaaagagctg	ggattacag	tgtgagccac	48900
catgcccgc	cctatttttt	ctaaaataat	tataaattct	aaaattacct	atctaaatgg	48960
aggagggtct	tctgacacct	ttaaaataaa	atccagctca	gtactgtaaa	tgtgtttaca	49020
gaacttggtt	aaagtcttta	cagttgttta	aatcagacta	gttaactacc	ctcactactt	49080
agatgcttcc	atttcttaga	gctctttttt	aagcttatct	gaagaaaagc	ccttccaatt	49140
taagggttat	ttccaattgc	acattccaaa	ttgagccttc	catcttcagc	attcaatata	49200
gatattttaca	ggcccctctt	ttaaaatttt	attatagtta	acttgattta	aagttgcttt	49260
tatttttcat	tacgtatttg	tagaacatta	gctatatata	tattgcaggc	tacatagggt	49320
ttcaaactgt	acaacaggaa	tctaagcatg	aattgttact	tctatggagc	tagttcaaac	49380
aaacatatgg	acatgaccca	atttttaagt	tatactttct	gtatataatt	tgtaagggga	49440
tttcacatat	tttaagtttg	aggctatagc	tagaagaaat	taagttttat	ctaataagt	49500
tgtggaaaag	ggaaatgatt	ccttctctac	tatgtctaga	ctaagccaga	tatcaatagc	49560
aataggaaa	aaccactgtc	gtagccagaa	cacatagctt	ttttccctgc	ctaacattcc	49620
caccttgacc	tagagtgtct	ggagagggtc	tttccctaag	cttggaagag	acattggggc	49680
tttagatgaa	ctcagaagta	ctttacatta	ctttattttac	tgtgtcactt	actcactttt	49740
gactctgagc	tccacgaggg	caatcacagt	gtcttgggca	ttttagtgat	actaatactt	49800
agctcatgac	ctaagtgtga	gtacttcctc	aataaatggt	tggtgaggca	gggcgcagtg	49860
gctcatcact	gtaatctcag	cactttggga	ggctgaagcg	ggtggatcac	ctgaggccaa	49920
gagtttcaga	ccagcctggc	caacatggtg	aaacccggtc	tactaaaaat	gcaaaaatta	49980
gctgggcgtg	gtggcacgtg	cctgtaatcc	cagctacttt	gggaggttga	ggcaggagaa	50040
ttgcttgaac	cctggaggtg	gaggctgcag	tgagccgaga	tcgtgccatt	gcactccagc	50100
ctgggcgaga	agagtgaac	tcggtttcaa	aaaaaaaaaa	aaaaaaaaaa	gttgttgac	50160
tgacagatgc	atgaatacag	tagtaaaaat	gacaatcact	tataagttac	agtttactat	50220
cagctacaga	ggatgggata	tccagttttc	tgaacaactg	ttctcttgta	cttgtcaaag	50280
ccaaagtgtg	acaacacatc	aagtcacttt	agcaatttat	ttttgagacg	gagttttgct	50340
cttgttgccc	aggctggagt	gcaatggcgt	gatctcggt	cttggtctac	cgcaactgcc	50400
gcctcgctgg	ttcaagcaaa	tctcgtgcct	cagcctccc	agtagctggg	attacaggca	50460
tgcaccacca	cacccagcta	attttgtatt	tttagtagag	acagtgtttc	tccaggttga	50520
tcaggctggt	ctcaaactcc	cgacctcagg	tgatccacct	gcctcagcct	cccaaagtgc	50580
tggtatgaca	gttgtgagcc	actgtgccca	gtagcaact	gtttttaaac	attagttoca	50640
atgtagtgtg	cactgaaaac	ttttatgaaa	ggaatttcaa	aaattaagat	aaaccattaa	50700
aaacgtaatt	actaagtact	actactacta	caatgatatt	tacataatag	actgagttac	50760

ISPT1010.ST25.txt

atttcataaa gacaatatat ctgtataaga atttttaaac ttcctgtct atataataga 50820
 agtttttagag aaatttttta aaaaccaaag aaaactgcaa aataagatca cttacctatt 50880
 tggcattctc aactgtctgg aacagcaagg agccattatg attatgcatt tggtttgtgg 50940
 ggtgtcctga aaagtcaaaa taatgtaaca aagctgatgt actttactca ttagaacaat 51000
 tcttcacaat ttaatatata ttttagatat acatagttca tgtttgataa ccagatcaat 51060
 actgagtga aaatagcata gtgggaagag caggggaggg gaggtaggga tctggagacc 51120
 tagagtgtac ttccatattg caactagtga gcagtaggac tttgagaaag ttaccaata 51180
 ggcctcaggg ttctaattta taaaatgggt atgatatgcc tgccttatct gtcttgggaa 51240
 cttaagtaag gttaaaatga actaatgaac ttgaaatgtt ttataaactg aaaatgctat 51300
 acgaatgtga gattgatctt gtatttcaat agtcccaaca atatcactgc attgttatat 51360
 taggtggaat aaaaggacaa tatttaactg ttttgactct acaatagtgt caatttagtt 51420
 gtgttcagct ctattttata aaatagggat acgcatactg tagaaaattt cctgttaaatt 51480
 taagctttga cggccagggtg ctacgcctg taatcccagc actttgggag gccaagggtg 51540
 gcagatcact tgcgctcagg agtttgagac cagcctgagc aacatagtga aatcctgtct 51600
 ctacaaaaat atgtatatat aaattagtca taatcccagc tacttgagag gctgagggtg 51660
 gaggatcact tgattccaga ggcagggtt ggttgagta agcagagatc acgtctctgc 51720
 actccagcct ggctgacaga gtaagaccgt gtttcaccaa aaaaaaaaaa aaaaaattaa 51780
 gcttttactt ttaagatgat aaactttagt gatcaggaaa gttatcttat gtatattata 51840
 ttccttaata ttggagaact aaagaattat gtattttctt taaaagcgct cactggatat 51900
 tttttttaa aacgctatat tttcatttag aatttttttc ttttcagaac tacagttcct 51960
 gaggaagaac taaatccaaa gatactagct ttgcagaatg ctgagagaaa gcgaaaaatg 52020
 gaacatgatg gttcactttt tcaagcagta ggaattgtaa gtatgagtag taggttttgc 52080
 ttttctagct aatgtgctat ttcgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtttc 52140
 cacgtttctt ccaaatagta aagttatatt ttcagaagtt atacattggg tttttttact 52200
 ctgtatgcac tggtttttaa aaatacaaat gtttaataca tacattcttg gtataaaaaat 52260
 tccaaacaat tccagtgtat tttgagtaa aaagtgaagt tctcccctta ctccaccctg 52320
 aatatcacca ccaatctcat tctcttcctt ttaagttact ttgccttatt aaaagaactg 52380
 ctattggcca ggcacagtgc ctacgcctg taatcccagc actttgggag gccaagatga 52440
 ggatcacttg aggtcaggag ttcgagacca gcctggccaa cttggtgaaa ccctgtctct 52500
 actaaaaata caaaaattag ccaggcgtgt tgggtgcacaa ctataatccc agccactctg 52560
 gaggctgagg caggagaata gcttgaaccc gggagggtgga ggttgcgatg agctgagatc 52620
 aggccactgc actccagcct gggtaagaga gtgagagtcc atctcatatt taaaaagaa 52680
 ctgctatgtt ttggggtaa tcaatggtgg tataatacat tctgatattt tcaaactaaa 52740
 ttaactggaa agtattttata gacagaatgg tcataatgga tgacaaataa cttaagaaag 52800
 aattcaaaat aatttagggg agtatttaag aaactgccta taatgttatt aaatttacac 52860

ISPT1010.ST25.txt

caatttcaag gtttttgggt gtttaaaaaa aaaattcaac aaactaaact tgaaataact 52920
 ttactgttta tagggaacat tattacagca gccagacgat catgcagcta ctacatcact 52980
 ttcttggaag cgtgtaaaag gatgcaaact tagtgaacag aatggaatgg agcaaaagac 53040
 aattatttta ataccctctg gttagtttat tctttttgac cttgaacatc acaaagacaa 53100
 aatacatgaa acatttttat ttaggagctt taatctaagt gagaatgact ttggttcctt 53160
 agcaagatta aaaagtaaag ttgtggctgg gcgcggtggc tcacacctgt aatcccagca 53220
 ctttgggagg ccgaggcagc cagatcatct gaggtcagga gttggagacc agcctggcca 53280
 ccatgtgaa accccgtctc tactaaaaat acaaaaatta gctgggcgtg gtggcggggc 53340
 cctgtaatcc cagctacttg ggaggctgag gcatgagaat tgcttgaacc cggaaggcag 53400
 aggttgagct gagccaagat ggcaccactg cactccagcc tgggcgacaa gggtagact 53460
 ctgcctcaa aaaaaaaaaa aaaaaagta cagttgtatt tcatgtgatg gtcttaatac 53520
 agagattaac atttcaaggt ggagcttttc atttttagta attttctttg atttctctat 53580
 gtccatgtgc tgtcaatatt gatagaagct gaaatttgtg aacttttatg acttcttttt 53640
 tttttttttt tttttttgag acagggtctc gctctgttgc ccaggcctgg agtgagctgg 53700
 catgatcata gctcactgca gtctcaaact cctgtgtctc agctcaagca atcatcctac 53760
 ctgagcctcc tgagtagctc gcactacaga catgcctcac cacaccgggt tgctttttgt 53820
 agagatgggg tctcactatg ttgcctaggc tggtttcaa ctctggcct caagtgatcc 53880
 tcctgcctca gcctgtgcta ggattacagg catcagcttt gatgccacc atatttatgc 53940
 ctttttcaa attgttattt ctttgtgcct ttattgtatc ctgtaaacat ttctgacaca 54000
 gcaacagtat cactggatta tacttacttt ttaacatagt tgtgggtttt ccaggtaaac 54060
 taaaaaccct tccagaattt tgctttattt tctatgatac ctaacacatt gtgggtgttt 54120
 aataaatatt cattgactag atgaatgtat acttaggtat ctcttttgtt tttcagattt 54180
 agcatgtaga ctgctggggc aatcaatgga tgaaagtgga ttaccacagc tgaccagtta 54240
 tgattgtgaa gttaatgctc ctatacaagg cagcagaaac ctactgcagg gtgaagaatt 54300
 actcagagct ttggatcaag ttaactgagc tttttcttaa tttcattcct ttttttgac 54360
 actggtggct cattacctaa agcagtctat ttatattttc tacatctaatt tttagaagcc 54420
 tggctacaat actgcacaaa cttgggttagt tcaattttga tcccctttct acttaattta 54480
 cattaatgct ctttttttagt atgttcttta atgctggatc acagacagct cattttctca 54540
 gtttttttgt atttaaacca ttgcattgca gtagcatcat tttaaaaaat gcaccttttt 54600
 atttatttat ttttggttag ggagtttatc cttttttcga attattttta agaagatgcc 54660
 aatataattt ttgtaagaag gcagtaacct tcatcatga tcataggcag ttgaaaatt 54720
 tttacacctt ttttttcaca ttttacataa ataataatgc tttgccagca gtacgtggta 54780
 gccacaattg cacaatatat tttcttaaaa aataccagca gttactcatg gaatatattc 54840
 tgcgtttata aaactagttt ttaagaagaa attttttttg gcctatgaaa ttgttaaacc 54900
 tggaacatga cattgttaat catataataa tgattcttaa atgctgtatg gtttattatt 54960

ISPT1010.ST25.txt

taaatgggta aagccattta cataatatag aaagatatgc atatatctag aaggtatgtg 55020
 gcattttat tt ggataaaaatt ctcaattcag agaaatcatc tgatgtttct atagtcactt 55080
 tgccagctca aaagaaaaca ataccctatg tagttgtgga agtttatgct aatattgtgt 55140
 aactgatatt aaacctaaat gttctgccta ccctgttgggt ataaagatat tttgagcaga 55200
 ctgtaaacaa gaaaaaaaaa atcatgcatt cttagcaaaa ttgcctagta tgtaatttg 55260
 ctcaaaatac aatgtttgat tttatgcact ttgtcgctat taacatcctt tttttcatgt 55320
 agatttcaat aattgagtaa ttttagaagc attatttttag gaatatatag ttgtcacagt 55380
 aaatatcttg ttttttctat gtacattgta caaatttttc attccttttg ctctttgtgg 55440
 ttggatctaa cactaactgt attgttttgt tacatcaaat aaacatcttc tgtggaccag 55500
 gcccttttga tcagcttttta tgttcaaata ttaataatat ttgcttcaac acctccaact 55560
 cataaaattg tttaccaaca atttaagcac ttatgaaaat tacatggtac tggttatttc 55620
 tacattttatc ttagtgccat caccttaatg tatgttgagt ccctaaatgt catgttaaatt 55680
 aataacaacc ataatatccc attgaaaaga gtatgttggt agaaaagaaa catcattttt 55740
 aagtttctga gcctattaaa atgctcaaac acaaaatatt agtattttta aaatatgaat 55800
 gggatgagtg aagcagttct cagcattata gtcacaatgt tacaagggt agagcttctc 55860
 tgaagatttc taatctgttc ccattaacag attaataaat ttagacttca aatgaataat 55920
 ttgcccaagc tttaaaagta atagatggca gacaaaaaat gtaagcttaa gtttcctgac 55980
 tctaaagtca aacttagaac aaatttggtt tgtttttgtt ttaatgatac tgcgttttaa 56040
 aacaaagtag ctttatcctt tttctcctgt atttttcttt tacaaaatag ctgtatttct 56100
 tttatactga taatctcatt tttaaaaatc agacagtgtg gaaagatat ttttaaaaca 56160
 gaaaaatcac tatgaatccc tgcacctaca ggtacagaaa attattttta tgaacaaatt 56220
 atgtaggaag tgccagagcc ttaggtcctt taccctgagg tatatatact gaacaaaagg 56280
 aactgagcca cagatctctt aggtagctct ttttatctta caatggagga cagtgattac 56340
 aatttatatga aaattttgga acaaaagtta atactaagat tcagtgc aaa atttgggggg 56400
 ggggggggca caggtatact taagcacaaa cactgtgacc caaagtgtt caacatttag 56460
 ttacagatag tagtatacta gaagtgggtat tttagaataa agtgggtgct tagtattcac 56520
 aggtcacaaa acaaaaaatt attcttgat agcaaattag cttcagttga aaactatttg 56580
 taaaagcaga ttatgtaatg accaggagtt caggaaaatg acttctgaaa gcattgagaa 56640
 gggaaagcca cgtaaaggga cagtacagct ggaaggaagc aagtacttac cactgctca 56700
 gtcactaaga caacaagctc cttggagtgc ttaagctac ggaatagcag aactggcct 56760
 tcccaatttt atgcaccgtc acaattttct tcataatggt tttgtccaag gcttataacc 56820
 caaccctggc aactataatc cttactttat gaaacagctg tatttctttt atactcataa 56880
 cccagaaaaa tgagaatgta tgttctgagt ataaaagaaa ttagctatt ccataaaaat 56940
 acaggagaaa aagaataaag ctattttaat ttttttaatg cagtatcatt aaaaaacaaa 57000
 ccaagtttgt tctaagtttg acttttagagt caggagactt aagcttacat ttctgggtctg 57060

ISPT1010.ST25.txt

```

ccatctatta cttttagagc ttgggtaaat cttcatttga gatctaaatg ctatatatag 57120
ttcattcata gcagtaccag ataagggagg agtatatcta tacagtatat agtcttgaag 57180
aagtgatcta aggctcggag cttttgaggt ggccatgagt gactccaaag tccatggagc 57240
taaccaccct gcagtgctag ccaatccagt tgaacatacc cttttctcca ttgttaactg 57300
tttgtttaaa tagcaaacag aaggcggcaa tggagggtgtg gaaaactgag gatccgatgt 57360
cacttgaaag taatgagatc acataacatt gagggaatgt cctaagagga gtggcagggc 57420
ataaatagaa atgaataaaa gtgttttcaa gtgccattta gtgggttctg aatttgaact 57480
agagattgag atatccagtt 57500

```

```

<210> 12
<211> 754
<212> DNA
<213> Homo sapiens

```

```

<300>
<308> AU123241
<309> 2000-10-23
<313> (1)..(754)

```

```

<220>
<221> misc_feature
<222> (92)..(92)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (181)..(181)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (559)..(559)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (598)..(598)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (628)..(628)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (678)..(678)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (687)..(687)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (694)..(694)
<223> n is a, c, g, or t

```

```

<220>

```

<221> misc_feature
 <222> (718)..(718)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (748)..(748)
 <223> n is a, c, g, or t

<400> 12
 ccctgacgct gcctcagctc ctcaagtgcac agtgctgcct cgtctgaggg gacaggagga 60
 tcaccctctt cgtcgcttcg gccagtgtgt cnggctgggc cctgacaagc cacctgagga 120
 gaggctcgga gccgggcccc gaccccgcg attgcgccc gcttctctct agtctcacga 180
 ngggtttccc gcctcgcacc cccacctctg gacttgcctt tccttctctt ctccgcgtgt 240
 ggaggagacc agcgcttatg ccggagcgag cctggggggc gcccgccgtg aagacatcgc 300
 ggggaccgat tcaccatgga gggcgccggc ggcgcgaacg acaagaaaaa gataagttct 360
 gaacgtcgaa aagaaaagtc tcgagatgca gccagatctc ggcgaagtaa agaacttgaa 420
 gttttttatg agcttgctca tcagttgcc a ttccacata atgtgagttc gcatcttgat 480
 aaggcctctg tgatgaggct taccatcagc tatttgctg tgaggaaact tctggatgct 540
 ggtgatttgg atattgaana tgacatgaaa gcacagatga attgctttta ttgaaancc 600
 ttgggatggg tttgttatgg ttctcccnca tgatggtgac atgattttac atttcttgat 660
 aatgttgaaa caaatacnntt gggattnact tcanttttga aacttaactg ggaaacantg 720
 tgttttgatt tttactccat cccatgtnaa ccat 754

<210> 13
 <211> 3551
 <212> DNA
 <213> Homo sapiens

<300>
 <308> AB073325.1
 <309> 2001-10-23
 <313> (1)..(3551)

<220>
 <221> misc_feature
 <222> (29)..(2236)
 <223> CDS

<400> 13
 gtgaagacat cgcggggacc gattcaccat ggagggcgcc ggcggcgcg acaacaagaa 60
 aaagataagt tctgaacgtc gaaaagaaaa gtctcgagat gcagccagat ctggcggaag 120
 taaagaatct gaagtttttt atgagcttgc tcatcagttg ccacttccac ataatgtgag 180
 ttcgcatctt gataaggcct ctgtgatgag gcttaccatc agctatttgc gtgtgaggaa 240
 acttctggat gctggtgatt tggatattga agatgacatg aaagcacaga tgaattgctt 300
 ttatttgaaa gccttggatg gttttgttat ggttctcaca gatgatgggtg acatgattta 360
 catttctgat aatgtgaaca aatacatggg attaaactcag tttgaactaa ctggacacag 420
 tgtgtttgat tttactcatc catgtgacca tgaggaaatg agagaaatgc ttacacacag 480

ISPT1010.ST25.txt

aaatggcctt	gtgaaaaagg	gtaaagaaca	aaacacacag	cgaagctttt	ttctcagaat	540	
gaagtgtacc	ctaactagcc	gaggaagaac	tatgaacata	aagtctgcaa	catggaaggt	600	
attgcactgc	acaggccaca	ttcacgtata	tgataccaac	agtaaccaac	ctcagtgtgg	660	
gtataagaaa	ccacctatga	cctgcttggt	gctgatttgt	gaacccattc	ctcaccatc	720	
aaatattgaa	attccttttag	atagcaagac	tttcctcagt	cgacacagcc	tggatatgaa	780	
atcttcttat	tgtgatgaaa	gaattaccga	attgatggga	tatgagccag	aagaactttt	840	
aggccgctca	atcttatgaat	attatcatgc	tttggactct	gatcatctga	ccaaaactca	900	
tcatgatatg	tttactaaag	gacaagtcac	cacaggacag	tacaggatgc	ttgccaaaag	960	
aggtggatat	gtctgggttg	aaactcaagc	aactgtcata	tataacacca	agaattctca	1020	
accacagtgc	attgtatgtg	tgaattacgt	tgtgagtggg	attattcagc	acgacttgat	1080	
tttctccctt	caacaaacag	aatgtgtcct	taaaccgggt	gaatcttcag	atatgaaaat	1140	
gactcagcta	ttcaccaaag	ttgaatcaga	agatacaagt	agcctctttg	acaaacttaa	1200	
gaaggaacct	gatgctttta	ctttgctggc	cccagccgct	ggagacacaa	tcatatcttt	1260	
agatttttggc	agcaacgaca	cagaaactga	tgaccagcaa	cttgaggaag	taccattata	1320	
taatgatgta	atgctccctt	cacccaacga	aaaattacag	aatataaatt	tggcaatgtc	1380	
tccattaccc	accgctgaaa	cgccaaagcc	acttcgaagt	agtgtgacc	ctgcactcaa	1440	
tcaagaagtt	gcattaaaaat	tagaaccaaa	tccagagtca	ctggaacttt	cttttaccat	1500	
gccccagatt	caggatcaga	cacctagtcc	ttccgatgga	agcactagac	aaagttcacc	1560	
tgagccta	agtcccagtg	aatattgttt	ttatgtggat	agtgatatgg	tcaatgaatt	1620	
caagttggaa	ttggtagaaa	aactttttgc	tgaagacaca	gaagcaaaga	acccattttc	1680	
tactcaggac	acagatttag	acttgagat	gttagctccc	tatatcccaa	tggatgatga	1740	
cttcagttta	cgcttccttg	atcagttgtc	accattagaa	agcagttccg	caagccctga	1800	
aagcgcaagt	cctcaaagca	cagttacagt	attccagcag	actcaaatac	aagaacctac	1860	
tgcta	aatgcc	accactacca	ctgccaccac	tgatgaatta	aaaacagtga	caaaagaccg	1920
tatggaagac	attaaaatat	tgattgcac	tccatctcct	accacatac	ataaagaaac	1980	
tactagtgcc	acatcatcac	catatagaga	tactcaaagt	cggacagcct	caccaaacag	2040	
agcaggaaaa	ggagtcata	g	aacagacaga	aaaatctcat	ccaagaagcc	ctaacgtgtt	2100
atctgtcgct	ttgagtcaaa	gaactacagt	tcctgaggaa	gaactaaatc	caaagatact	2160	
agctttgcag	aatgctcaga	gaaagcgaaa	aatggaacat	gatggttcac	tttttcaagc	2220	
agtaggaatt	atttagcatg	tagactgctg	gggcaatcaa	tggatgaaag	tggattacca	2280	
cagctgacca	gttatgattg	tgaagtta	gtcctatac	aaggcagcag	aaacctactg	2340	
cagggatgaag	aattactcag	agctttggat	caagttaact	gagctttttc	ttaatttcat	2400	
tccttttttt	ggacactggg	ggctcactac	ctaaagcagt	ctatttatat	tttctacatc	2460	
taatttttaga	agcctggcta	caatactgca	caaacttggg	tagttcaatt	tttgatcccc	2520	
tttctactta	atttacatta	atgctctttt	ttagtatggt	ctttaatgct	ggatcacaga	2580	

ISPT1010.ST25.txt

cagctcattt tctcagtttt ttggtattta aaccattgca ttgcagtagc atcatttttaa 2640
 aaaatgcacc tttttattta tttatttttg gctagggagt ttatcccttt ttcgaattat 2700
 ttttaagaag atgccaatat aatttttgta agaaggcagt aacctttcat catgatcata 2760
 ggcagttgaa aaatttttac accttttttt tcacatttta cataaataat aatgctttgc 2820
 cagcagtagc tggtagccac aattgcacaa tatattttct taaaaatac cagcagttac 2880
 tcatggaata tattctgcgt ttataaaact agtttttaag aagaaatttt ttttggccta 2940
 tgaaattggt aaacctggaa catgacattg ttaatcatat aataatgatt cttaaagtct 3000
 gtatggttta ttattttaat gggtaaagcc atttacataa tatagaaaga tatgcatata 3060
 tctagaaggt atgtggcatt tatttgata aaattctcaa ttcagagaaa tcatctgatg 3120
 tttctatagt cactttgcc gctcaaaga aaacaatacc ctatgtagtt gtggaagttt 3180
 atgctaatat tgtgtaactg atattaaacc taaatgttct gcctaccctg ttggtataaa 3240
 gatattttga gcagactgta aacaagaaaa aaaaaatcat gcattcttag caaaattgcc 3300
 tagtatgtta atttgctcaa aatacaatgt ttgattttat gcactttgtc gctattaaca 3360
 tccttttttt catgtagatt tcaataattg agtaatttta gaagcattat tttaggaata 3420
 tatagttgtc acagtaaata tcttgttttt tctatgtaca ttgtacaaat ttttcattcc 3480
 ttttgctcct tgtggttgga tctaacta actgtattgt tttgttacat caaataaaca 3540
 tcttctgtgg a 3551

<210> 14
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 14
 aaagtgatgt agtagctgca 20

<210> 15
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 15
 ggtatcatat acgtgaatgt 20

<210> 16
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 16
 taccacgtac tgctggcaaa 20

```

<210> 17
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 17
tgtgctttga ggacttgcg 20

<210> 18
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 18
gaaatgtaaa tcatgtcacc 20

<210> 19
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 19
tcaaagaggc tacttgatc 20

<210> 20
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 20
ttaatgcaac ttcttgattg 20

<210> 21
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 21
atcattatta tatgattaac 20

<210> 22
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 22

```

gaaaggcaag tccagaggtg 20

<210> 23
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 23
taaactccct agccaaaaat 20

<210> 24
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 24
cattagcagt aggttcttgt 20

<210> 25
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 25
gatcatgatg aaaggttact 20

<210> 26
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 26
aaatttcata tccaggctgt 20

<210> 27
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 27
agtttcctca cacgcaaata 20

<210> 28
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 28
actgatcgaa ggaacgtaac 20

<210> 29
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 29
cgctttctct gagcattctg 20

<210> 30
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 30
aatcaaaca cactgtgtcc 20

<210> 31
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 31
tcctttagta aacatatcat 20

<210> 32
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 32
caaagttaaa gcatcaggtt 20

<210> 33
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 33
ctagtgttc catcggaagg 20

<210> 34
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 34
aatgccacat accttctaga 20

<210> 35
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 35
tcgtgagact agagagaagc 20

<210> 36
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 36
atgaaagggtt actgccttct 20

<210> 37
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 37
tcagcaccaa gcaggtcata 20

<210> 38
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 38
aagtttgtgc agtattgtag 20

<210> 39
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 39
ctgagcattc tgcaaagcta 20

<210> 40
<211> 20
<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 40

ttcagattct ttacttcgcc

20

<210> 41

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 41

gataacacgt tagggcttct

20

<210> 42

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 42

tcaaagcgac agataacacg

20

<210> 43

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 43

caaagcatga taatattcat

20

<210> 44

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 44

ccatcatctg tgagaaccat

20

<210> 45

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 45

atatggtgat gatgtggcac

20

<210> 46

<211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 46
 ctctcaggt ggcttgtcag 20

 <210> 47
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 47
 tgagctgtct gtgatccagc 20

 <210> 48
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 48
 agataacacg ttagggcttc 20

 <210> 49
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 49
 catggtgaat cggccccgc 20

 <210> 50
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 50
 tgttatatat gacagttgct 20

 <210> 51
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 51
 ccttatcaag atgcgaactc 20

<210> 52
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 52
ccaaatcacc agcatccaga 20

<210> 53
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 53
aactgagtta atcccatgta 20

<210> 54
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 54
ttagttcaaa ctgagttaat 20

<210> 55
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 55
aggccatttc tgtgtgtaag 20

<210> 56
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 56
ctatctaaag gaatttcaat 20

<210> 57
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 57

cccatcaatt cggttaattct 20

<210> 58
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 58
 tatcatgatg agtttttggtc 20

<210> 59
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 59
 aataatacca ctcacaacgt 20

<210> 60
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 60
 caactttggt gaatagctga 20

<210> 61
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 61
 agtgactctg gatttggttc 20

<210> 62
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 62
 catctccaag tctaaatctg 20

<210> 63
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 63
cta atggtga caactgatcg 20

<210> 64
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 64
cactgttttt aattcatcag 20

<210> 65
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 65
ataatgttcc aattcctact 20

<210> 66
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 66
agaaaaagct cagttaactt 20

<210> 67
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 67
attgtagcca ggcttctaaa 20

<210> 68
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 68
atcttcttaa aaataattcg 20

<210> 69
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 69
tgtgcaattg tggctaccac 20

<210> 70
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 70
aacaatgtca tgttccaggt 20

<210> 71
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 71
gctggcaaag tgactataga 20

<210> 72
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 72
ttccacagaa gatgtttatt 20

<210> 73
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 73
tttttccaca gaagatgttt 20

<210> 74
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 74
tagagctaaa cgatctagaa 20

<210> 75
<211> 20
<212> DNA

<213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 75
 taactctttc tggccttgaa 20
 <210> 76
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 76
 attggcccta acagaaaatc 20
 <210> 77
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 77
 agaacttatc ctacttaaca 20
 <210> 78
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 78
 gtttccctcg tggtgctcag 20
 <210> 79
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 79
 ttgtacttac tatcatgatg 20
 <210> 80
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 80
 acttacttac ctcacaacgt 20
 <210> 81

<211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 81
 aatctgtgtc ctttaaaaca 20

<210> 82
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 82
 tgtgcactga ggagctgagg 20

<210> 83
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 83
 acgttcagaa cttatctttt 20

<210> 84
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 84
 catgctaaat aattcctact 20

<210> 85
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 85
 tgcagctact acatcacttt 20

<210> 86
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 86
 acattcacgt atatgatacc 20

<210> 87
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 87
gcgcaagtcc tcaaagcaca 20

<210> 88
<211> 20
<212> DNA
<213> Homo sapiens

<400> 88
ggtgacatga ttacatttc 20

<210> 89
<211> 20
<212> DNA
<213> Homo sapiens

<400> 89
gatacaagta gcctctttga 20

<210> 90
<211> 20
<212> DNA
<213> Homo sapiens

<400> 90
caatcaagaa gttgcattaa 20

<210> 91
<211> 20
<212> DNA
<213> Homo sapiens

<400> 91
gttaatcata taataatgat 20

<210> 92
<211> 20
<212> DNA
<213> Homo sapiens

<400> 92
cacctctgga cttgcctttc 20

<210> 93
<211> 20
<212> DNA
<213> Homo sapiens

<400> 93
atTTTTggct agggagtTta 20

<210> 94
<211> 20
<212> DNA
<213> Homo sapiens

<400> 94
acaagaacct actgctaatag 20

<210> 95
<211> 20
<212> DNA

<213> Homo sapiens

<400> 95
agtaaccttt catcatgatc 20

<210> 96
<211> 20
<212> DNA
<213> Homo sapiens

<400> 96
acagcctgga tatgaaattt 20

<210> 97
<211> 20
<212> DNA
<213> Homo sapiens

<400> 97
gttacgttcc ttcgatcagt 20

<210> 98
<211> 20
<212> DNA
<213> Homo sapiens

<400> 98
cagaatgctc agagaaagcg 20

<210> 99
<211> 20
<212> DNA
<213> Homo sapiens

<400> 99
ggacacagtg tgtttgattt 20

<210> 100
<211> 20
<212> DNA
<213> Homo sapiens

<400> 100
atgatatgtt tactaaagga 20

<210> 101
<211> 20
<212> DNA
<213> Homo sapiens

<400> 101
aacctgatgc tttaactttg 20

<210> 102
<211> 20
<212> DNA
<213> Homo sapiens

<400> 102
gcttctctct agtctcacga 20

<210> 103

```

<211> 20
<212> DNA
<213> Homo sapiens

<400> 103
agaaggcagt aacctttcat 20

<210> 104
<211> 20
<212> DNA
<213> Homo sapiens

<400> 104
ggcgaagtaa agaattctgaa 20

<210> 105
<211> 20
<212> DNA
<213> Homo sapiens

<400> 105
agaagcccta acgtgttatc 20

<210> 106
<211> 20
<212> DNA
<213> Homo sapiens

<400> 106
cgtgttatct gtcgctttga 20

<210> 107
<211> 20
<212> DNA
<213> Homo sapiens

<400> 107
atgaatatta tcatgctttg 20

<210> 108
<211> 20
<212> DNA
<213> Homo sapiens

<400> 108
atggttctca cagatgatgg 20

<210> 109
<211> 20
<212> DNA
<213> Homo sapiens

<400> 109
gtgccacatc atcaccatat 20

<210> 110
<211> 20
<212> DNA
<213> Homo sapiens

<400> 110
gctggatcac agacagctca 20

```

<210> 111
<211> 20
<212> DNA
<213> Homo sapiens

<400> 111
gaagccctaa cgtgttatct 20

<210> 112
<211> 20
<212> DNA
<213> Homo sapiens

<400> 112
gcggggaccg attcaccatg 20

<210> 113
<211> 20
<212> DNA
<213> Homo sapiens

<400> 113
agcaactgtc atatataaca 20

<210> 114
<211> 20
<212> DNA
<213> Homo sapiens

<400> 114
gagttcgcat cttgataag 20

<210> 115
<211> 20
<212> DNA
<213> Homo sapiens

<400> 115
tacatgggat taactcagtt 20

<210> 116
<211> 20
<212> DNA
<213> Homo sapiens

<400> 116
cttacacaca gaaatggcct 20

<210> 117
<211> 20
<212> DNA
<213> Homo sapiens

<400> 117
agaattaccg aattgatggg 20

<210> 118
<211> 20
<212> DNA
<213> Homo sapiens

<400> 118

	ISPT1010.ST25.txt	
gaccaaaaact catcatgata		20
<210> 119		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 119		
acgttgtgag tgggtattatt		20
<210> 120		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 120		
tcagctattc accaaagttg		20
<210> 121		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 121		
gaaccaaadc cagagtcact		20
<210> 122		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 122		
cgatcagttg tcaccattag		20
<210> 123		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 123		
ctgatgaatt aaaaacagtg		20
<210> 124		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 124		
aagttaactg agctttttct		20
<210> 125		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 125		
tttagaagcc tggctacaat		20
<210> 126		
<211> 20		
<212> DNA		
<213> Homo sapiens		

<400> 126 gtggttagcca caattgcaca	20
<210> 127 <211> 20 <212> DNA <213> Homo sapiens	
<400> 127 acctggaaca tgacattggt	20
<210> 128 <211> 20 <212> DNA <213> Homo sapiens	
<400> 128 tctatagtca ctttgccagc	20
<210> 129 <211> 20 <212> DNA <213> Homo sapiens	
<400> 129 ttctagatcg tttagctcta	20
<210> 130 <211> 20 <212> DNA <213> Homo sapiens	
<400> 130 ttcaaggcca gaaagagtta	20
<210> 131 <211> 20 <212> DNA <213> Homo sapiens	
<400> 131 ctgagcaaca cgagggaaac	20
<210> 132 <211> 20 <212> DNA <213> Homo sapiens	
<400> 132 aaaagataag ttctgaacgt	20
<210> 133 <211> 3933 <212> DNA <213> Homo Sapiens	
<300> <301> Hogenesch, et al. <302> Characterization Of A Subset Of The Basic-Helix-Loop-Helix-PAS Superfamily That Interacts With Components Of The Dioxin Signaling <303> J. Biol. Chem.	

<304> 272
 <305> 13
 <306> 8581-8593
 <307> 1997
 <308> U29165.1
 <309> 1997-04-11
 <313> (1) .. (3933)

<220>
 <221> misc_feature
 <222> (265) .. (2745)
 <223> CDS

<400> 133
 cacgaggcag cactctcttc gtcgcttcgg ccagtgtgtc gggctgggcc ctgacaagcc 60
 acctgaggag aggctcggag ccggggcccg accccggcga ttgccgccg cttctctcta 120
 gtctcacgag gggtttcccg cctcgacccc ccacctctgg acttgccctt cttctctctc 180
 tccgcgtgtg gagggagcca gcgcttaggc cggagcgagc ctggggggccg cccgccgtga 240
 agacatcgcg gggaccgatt caccatggag ggcgcggcg gcgcgaacga caagaaaaag 300
 ataagttctg aacgtcgaaa agaaaagtct cgagatgcag ccagatctcg gcgaagtaaa 360
 gaatctgaag ttttttatga gcttgctcat cagttgccac ttccacataa tgtgagttcg 420
 catcttgata aggcctctgt gatgaggctt accatcagct atttgcgtgt gaggaactt 480
 ctggatgctg gtgatttggg tattgaagat gacatgaaag cacagatgaa ttgcttttat 540
 ttgaaagcct tggatggttt tgttatggtt ctcacagatg atggtgacat gatttacatt 600
 tctgataatg tgaacaaata catgggatta actcagtttg aactaactgg acacagtgtg 660
 tttgatttta ctcatccatg tgaccatgag gaaatgagag aaatgcttac acacagaaat 720
 ggccttgtga aaaagggtaa agaacaaaac acacagcgaa gcttttttct cagaatgaag 780
 tgtaccctaa ctagccgagg aagaactatg aacataaagt ctgcaacatg gaaggatttg 840
 cactgcacag gccacattca cgtatatgat accaacagta accaacctca gtgtgggtat 900
 aagaaaccac ctatgacctg cttgggtgctg atttgtgaac ccattcctca cccatcaaat 960
 attgaaattc ctttagatag caagactttc ctcagtcgac acagcctgga tatgaaattt 1020
 tcttattgtg atgaaagaat taccgaattg atgggatatg agccagaaga acttttaggc 1080
 cgctcaattt atgaatatta tcatgctttg gactctgatc atctgaccaa aactcatcat 1140
 gatatgttta ctaaaggaca agtcaccaca ggacagtaca ggatgcttgc caaaagaggt 1200
 ggatatgtct gggttgaaac tcaagcaact gtcatatata acaccaagaa ttctcaacca 1260
 cagtgcattg tatgtgtgaa ttacgttgtg agtgggtatta ttcagcacga cttgattttc 1320
 tcccttcaac aaacagaatg tgcctttaa cgggttgaat cttcagatat gaaaatgact 1380
 cagctattca ccaaagttga atcagaagat acaagtagcc tctttgacaa acttaagaag 1440
 gaacctgatg ctttaacttt gctggcccca gccgctggag acacaatcat atctttagat 1500
 tttggcagca acgacacaga aactgatgac cagcaacttg aggaagtacc attatataat 1560
 gatgtaatgc tcccctcacc caacgaaaaa ttacagaata taaatttggc aatgtctcca 1620
 ttacccaccg ctgaaacgcc aaagccactt cgaagtagtg ctgaccctgc actcaatcaa 1680

ISPT1010.ST25.txt

gaagttgcat	taaaattaga	accaaattcca	gagtcactgg	aactttcttt	taccatgccc	1740
cagattcagg	atcagacacc	tagtccttcc	gatggaagca	ctagacaaag	ttcacctgag	1800
cctaatagtc	ccagtgaata	ttgtttttat	gtggatagtg	atatgggtcaa	tgaattcaag	1860
ttggaattgg	tagaaaaact	ttttgctgaa	gacacagaag	caaagaaccc	attttctact	1920
caggacacag	atttagactt	ggagatgtta	gctccctata	tcccaatgga	tgatgacttc	1980
cagttacgtt	ccttcgatca	gttgtcacca	ttagaaagca	gttccgcaag	ccctgaaagc	2040
gcaagtcctc	aaagcacagt	tacagtattc	cagcagactc	aaatacaaga	acctactgct	2100
aatgccacca	ctaccactgc	caccactgat	gaattaaaaa	cagtgacaaa	agaccgtatg	2160
gaagacatta	aaatattgat	tgcatctcca	tctcctaccc	acatacataa	agaaactact	2220
agtgccacat	catcaccata	tagagatact	caaagtcgga	cagcctcacc	aaacagagca	2280
ggaaaaggag	tcatagaaca	gacagaaaaa	tctcatccaa	gaagccctaa	cgtgttatct	2340
gtcgctttga	gtcaaagaac	tacagttcct	gaggaagaac	taaatccaaa	gatactagct	2400
ttgcagaatg	ctcagagaaa	gcgaaaaaatg	gaacatgatg	gttcactttt	tcaagcagta	2460
ggaattggaa	cattattaca	gcagccagac	gatcatgcag	ctactacatc	actttcttgg	2520
aaacgtgtaa	aaggatgcaa	atctagttaa	cagaatggaa	tggagcaaaa	gacaattatt	2580
ttaataccct	ctgatttagc	atgtagactg	ctggggcaat	caatggatga	aagtggatta	2640
ccacagctga	ccagttatga	ttgtgaagtt	aatgctccta	tacaaggcag	cagaaaccta	2700
ctgcaggggtg	agaattact	cagagctttg	gatcaagtta	actgagcttt	ttcttaattt	2760
cattcctttt	tttggacact	ggtggctcac	tacctaaagc	agtctattta	tattttctac	2820
atctaatttt	agaagcctgg	ctacaatact	gcacaaactt	ggtagttca	atttttgatc	2880
ccctttctac	ttaatttaca	ttaatgctct	tttttagtat	gttctttaat	gctggatcac	2940
agacagctca	ttttctcagt	tttttggtat	ttaaaccatt	gcattgcagt	agcatcattt	3000
taaaaaatgc	acctttttat	ttattttatt	ttggctaggg	agtttatccc	tttttcgaat	3060
tatttttaag	aagatgccaa	tataattttt	gtaagaaggc	agtaaccttt	catcatgatc	3120
ataggcagtt	gaaaaatttt	tacacctttt	ttttcacatt	ttacataaat	aataatgctt	3180
tgccagcagt	acgtggtagc	cacaattgca	caatatattt	tcttaaaaaa	taccagcagt	3240
tactcatgga	atatattctg	cgttttataa	actagttttt	aagaagaaat	tttttttggc	3300
ctatgaaatt	gttaaacctg	gaacatgaca	ttgttaatca	tataataatg	attcttaaat	3360
gctgtatgg	ttattattta	aatgggtaaa	gccatttaca	taatatagaa	agatatgcat	3420
atatctagaa	ggtatgtggc	atttattttg	ataaaattct	caattcagag	aaatcatctg	3480
atgtttctat	agtcactttg	ccagctcaaa	agaaaacaat	accctatgta	gttgtggaag	3540
tttatgctaa	tattgtgtaa	ctgatattaa	acctaaatgt	tctgcctacc	ctgttggtat	3600
aaagatattt	tgagcagact	gtaacaaga	aaaaaaaaat	catgcattct	tagcaaaatt	3660
gcctagtatg	ttaatttgct	caaaatacaa	tgtttgattt	tatgcacttt	gtcgctatta	3720
acatcctttt	tttcatgtag	atttcaataa	ttgagtaatt	ttagaagcat	tatttttagga	3780

ISPT1010.ST25.txt

atatatagtt gtcacagtaa atatcttggt ttttctatgt acattgtaca aatttttcat 3840
tccttttgct ctttgtgggt ggatctaaca ctaactgtat tgttttgtta catcaaataa 3900
acatcttctg tggaaaaaaaa aaaaaaaaaa aaa 3933

<210> 134
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 134
tgatgagcaa gtcataaaaa 20

<210> 135
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 135
gcaactgatg agcaagctca 20

<210> 136
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 136
ggaagtggca actgatgagc 20

<210> 137
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 137
ccagttagtt caaactgagt 20

<210> 138
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 138
tgtgtccagt tagttcaaac 20

<210> 139
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 139
cacactgtgt ccagttagtt 20

<210> 140
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 140
cacatggatg agtaaaatca 20

<210> 141
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 141
tcctcatggt cacatggatg 20

<210> 142
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 142
tctctcattt cctcatggtc 20

<210> 143
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 143
gcatttctct catttcctca 20

<210> 144
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 144
gtgtgtaagc atttctctca 20

<210> 145
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 145
 ggccatttct gtgtgtaagc 20

<210> 146
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 146
 tggttactgt tggatatcata 20

<210> 147
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 147
 tcacaaatca gcaccaagca 20

<210> 148
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 148
 tgggttcaca aatcagcacc 20

<210> 149
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 149
 tgaggaatgg gttcacaaat 20

<210> 150
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 150
 gtcttgctat ctaaaggaat 20

<210> 151
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 151
tattcataaa ttgagcggcc 20

<210> 152
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 152
tgataaatatt cataaattga 20

<210> 153
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 153
tgagttttgg tcagatgac 20

<210> 154
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 154
acttgtcctt tagtaaacad 20

<210> 155
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 155
tgggtgacttg tcctttagta 20

<210> 156
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 156 tcctgtggtg acttgtcctt	20
<210> 157 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<400> 157 tactgtcctg tggtgacttg	20
<210> 158 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<400> 158 tcctgtactg tcctgtggtg	20
<210> 159 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<400> 159 gcaagcatcc tgtactgtcc	20
<210> 160 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<400> 160 cagacatatc cacctctttt	20
<210> 161 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Construct	
<400> 161 tcaacccaga catatccacc	20
<210> 162 <211> 20 <212> DNA <213> Artificial Sequence	
<220>	

<223> Synthetic Construct

<400> 162

tatgacagtt gcttgagttt

20

<210> 163

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 163

ttatatatga cagttgcttg

20

<210> 164

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 164

gaagggagaa aatcaagtcg

20

<210> 165

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 165

attctgtttg ttgaaggag

20

<210> 166

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 166

ttcatatctg aagattcaac

20

<210> 167

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 167

tctgattcaa ctttggtgaa

20

<210> 168

<211> 20

<212> DNA

<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 168
attacatcat tatataatgg 20

<210> 169
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 169
ctacttcgaa gtggctttgg 20

<210> 170
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 170
tcagcactac ttcgaagtgg 20

<210> 171
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 171
ctttgtctag tgcttccatc 20

<210> 172
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 172
atcatccatt gggatatagg 20

<210> 173
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 173
tctaattggtg acaactgatc 20

<210> 174
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 174
catcatgttc catttttcgc 20

<210> 175
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 175
gtcagctgtg gtaatccact 20

<210> 176
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 176
taactgggtca gctgtggtaa 20

<210> 177
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 177
ggagcattaa cttcacaatc 20

<210> 178
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 178
aggtttctgc tgccttgat 20

<210> 179
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 179
ccctgcagta ggtttctgct 20

<210> 180
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 180
cttcaccctg cagtaggttt

20

<210> 181
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 181
taattcttca ccctgcagta

20

<210> 182
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 182
ctgagtaatt cttcaccctg

20

<210> 183
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 183
aagctctgag taattcttca

20

<210> 184
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 184
atccaaagct ctgagtaatt

20

<210> 185
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 185
acttgatcca aagctctgag

20

<210> 186
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 186
gctcagttaa cttgatccaa

20

<210> 187
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 187
tgagccacca gtgtccaaaa

20

<210> 188
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 188
ccaggcttct aaaattagat

20

<210> 189
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 189
gtgcagtatt gtagccaggc

20

<210> 190
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 190
agtttgtgca gtattgtagc

20

<210> 191
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 191	
taaataaaaa ggtgcatttt	20
<210> 192	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Construct	
<400> 192	
actgcctatg atcatgatga	20
<210> 193	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Construct	
<400> 193	
ttgtgcaatt gtggctacca	20
<210> 194	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Construct	
<400> 194	
atatatttg caattgtggc	20
<210> 195	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Construct	
<400> 195	
agaaaatata ttgtgcaatt	20
<210> 196	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Construct	
<400> 196	
cttaaaaact agttttataa	20
<210> 197	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	

<223> Synthetic Construct

<400> 197

atgtaaattgg ctttaccat

20

<210> 198

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 198

ttttatccaa ataaatgcc

20

<210> 199

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 199

tgagaatttt atccaaataa

20

<210> 200

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 200

taatagcgac aaagtgcata

20

<210> 201

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 201

gatgttaata gcgacaaagt

20

<210> 202

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 202

aaaaggatgt taatagcgac

20

<210> 203

<211> 20

<212> DNA

<213> Artificial Sequence

```

<220>
<223> Synthetic Construct

<400> 203
aatgcttcta aaattactca 20

<210> 204
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 204
tatattccta aaataatgct 20

<210> 205
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 205
acagaagatg tttatttgat 20

<210> 206
<211> 3973
<212> DNA
<213> Mus musculus

<300>
<308> NM_010431.1
<309> 2003-12-20
<313> (1)..(3973)

<220>
<221> misc_feature
<222> (258)..(2768)
<223> CDS

<400> 206
cgcgaggact gtcctcgccg ccgtcgcggg cagtgtctag ccaggccttg acaagctagc 60
cggaggagcg cctaggaacc cgagccggag ctccagcgagc gcagcctgca cgcccgccctc 120
gcgtcccggg ggggtcccgc ctcccacccc gcctctggac ttgtctcttt ccccgcgcg 180
gcggacagag ccggcggtta ggcccagcg agcccggggg ccgccggccg ggaagacaac 240
gcgggcaccg attcgccatg gagggcgccg gcggcgagaa cgagaagaaa aagatgagtt 300
ctgaacgtcg aaaagaaaag tctagagatg cagcaagatc tcggcgaagc aaagagtctg 360
aagtttttta tgagcttgct catcagttgc cacttcccca caatgtgagc tcacatcttg 420
ataaagcttc tgttatgagg ctccaccatca gttattttac tgtgagaaaa cttctggatg 480
ccggtggtct agacagtga gatgagatga aggcacagat ggactgtttt tatctgaaag 540
ccctagatgg ctttgtgatg gtgctaacag atgacggcga catggtttac atttctgata 600
acgtgaacaa atacatgggg ttaactcagt ttgaactaac tggacacagt gtgtttgatt 660

```

ISPT1010.ST25.txt

ttactcatcc atgtgaccat gaggaatga gagaaatgct tacacacaga aatggcccag	720
tgagaaaagg gaaagaacta aacacacagc ggagcttttt tctcagaatg aagtgcaccc	780
taacaagccg ggggaggacg atgaacatca agtcagcaac gtggaagggtg cttcactgca	840
cgggccatat tcatgtctat gataccaaca gtaaccaacc tcagtgtggg tacaagaaac	900
cacccatgac gtgcttgggtg ctgatttgtg aacccattcc tcatccgtca aatattgaaa	960
ttcctttaga tagcaagaca tttctcagtc gacacagcct cgatatgaaa ttttcttact	1020
gtgatgaaag aattactgag ttgatgggtt atgagccgga agaacttttg ggccgctcaa	1080
tttatgaata ttatcatgct ttggattctg atcatctgac caaaactcac catgatatgt	1140
ttactaaagg acaagtcacc acaggacagt acaggatgct tgccaaaaga ggtggatatg	1200
tctgggttga aactcaagca actgtcatat ataatacgaa gaactcccag ccacagtgca	1260
ttgtgtgtgt gaattatggt gtaagtggta ttattcagca cgacttgatt ttctcccttc	1320
aacaaacaga atctgtgctc aaaccagttg aatcttcaga tatgaagatg actcagctgt	1380
tcaccaaagt tgaatcagag gatacaagct gcctttttga taagcttaag aaggagcctg	1440
atgctctcac tctgctggct ccagctgccg gcgacaccat catctctctg gattttggca	1500
gcgatgacac agaaactgaa gatcaacaac ttgaagatgt tccattatat aatgatgtaa	1560
tgtttccctc ttctaatagaa aaattaaata taaacctggc aatgtctcct ttaccttcat	1620
cggaaactcc aaagccactt cgaagtagtg ctgatcctgc actgaatcaa gaggttgcat	1680
taaaattaga atcaagtcca gagtcactgg gactttcttt taccatgccc cagattcaag	1740
atcagccagc aagtccttct gatggaagca ctagacaaag ttcacctgag agacttcttc	1800
agggaaacgt aaacactcct aacttttccc agcctaacag tcccagtga tattgctttg	1860
atgtggatag cgatatggtc aatgtattca agttggaact ggtggaaaaa ctgtttgctg	1920
aagacacaga ggcaaagaat ccattttcaa ctcaggacac tgatttagat ttggagatgc	1980
tggtcccta tatccaatg gatgatgatt tccagttacg ttcctttgat cagttgtcac	2040
cattagagag caattctcca agccctccaa gtatgagcac agttactggg ttccagcaga	2100
cccagttaca gaaacctacc atcactgcc aatgcccacc aactgccacc actgatgaat	2160
caaaaacaga gacgaaggac aataaagaag atattaaaaat actgattgca tctccatctt	2220
ctacccaagt acctcaagaa acgaccactg ctaaggcatc agcatacagt ggcactcaca	2280
gtcggacagc ctcaccagac agagcaggaa agagagtcac agaacagaca gacaaagctc	2340
atccaaggag ccttaagctg tctgccactt tgaatcaaag aaatactggt cctgaggaag	2400
aattaaaccc aaagacaata gcttcgcaga atgctcagag gaagcgaaaa atggaacatg	2460
atggctccct ttttcaagca gcaggaattg gaacattatt gcagcaacca ggtgactgtg	2520
cacctactat gtcactttcc tggaaacgag tgaaaggatt catatctagt gaacagaatg	2580
gaacggagca aaagactatt attttaatac cctccgattt agcatgcaga ctgctggggc	2640
agtcaatgga tgagagtgga ttaccacagc tgaccagtta cgattgtgaa gttaatgctc	2700
ccatacaagg cagcagaaac ctactgcagg gtgaagaatt actcagagct ttggatcaag	2760

ISPT1010.ST25.txt

```

ttaaactgagc gtttcctaatt ctcatttcctt ttgattgtta atgtttttgt tcagttgttg 2820
ttgtttgttg gggtttttgtt tctgttggtt atttttggac actggtggct cagcagtcta 2880
tttatatttt ctatatctaa ttttagaagc ctggctacaa tactgcacaa actcagatag 2940
tttagttttt atcccccttc tacttaattt tcattaatgc tctttttaat atgttctttt 3000
aatgccagat cacagcacat tcacagctcc tcagcatttc accattgcat tgctgtagtg 3060
tcatttaaaa tgcacctttt tatttattta tttttggtga gggagtttgt cccttattga 3120
attattttta atgaaatgcc aatataattt ttttaagaaag cagtaaatcc tcatcatgat 3180
cataggcagt tgaaaacttt ttactcattt ttttcatggt ttacatgaaa ataatgcttt 3240
gtcagcagta catggtagcc acaattgcac aatataattt ctttaaaaaa ccagcagtta 3300
ctcatgcaat atattctgca tttataaaaac tagtttttaa gaaatttttt ttggcctatg 3360
gaattgttaa gcctggatca tgaagcgttg atcttataat gattcttaaa ctgtatgggt 3420
tctttatatg ggtaaagcca tttacatgat ataaagaaat atgcttatat ctggaaggta 3480
tgtggcattt atttggataa aattctcaat tcagagaagt tatctggtgt ttcttgactt 3540
taccaactca aaacagtccc tctgtagttg tggaagctta tgctaatatt gtgtaattga 3600
ttatgaaaca taaatgttct gccaccctg ttggtataaa gacattttga gcatactgta 3660
aacaacaaaa caaaaaatca tgctttgtta gtaaaattgc ctagtatggt gatttgttga 3720
aaatatgatg tttggtttta tgcactttgt cgctattaac atcctttttt catatagatt 3780
tcaataagtg agtaatttta gaagcattat tttaggaata tagagttgtc atagtaaaca 3840
tcttgttttt tctatgtaca ctgtataaat ttttcgttcc cttgctcttt gtggttgggt 3900
ctaacactaa ctgtactggt ttgttatatc aaataaacat cttctgtgga ccaggaaaaa 3960
aaaaaaaaaa aaa 3973

```

<210> 207
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 207
 gatcatgatg agaatttact 20

<210> 208
 <211> 2818
 <212> DNA
 <213> Homo sapiens

<300>
 <301> Sang et al.
 <302> MAPK Signaling Up-Regulates The Activity Of Hypoxia-Inducible
 Factors By Its Effect on P300
 <303> J. Biol. Chem.
 <304> 278
 <305> 16
 <306> 14013-14019
 <307> 2003

<308> NM_001430.1
 <309> 2003-10-06
 <313> (1)..(2818)

<220>
 <221> misc_feature
 <222> (150)..(2762)
 <223> CDS

<400> 208
 cctgactgcg cggggcgctc gggacctgcg cgcacctcgg accttcacca cccgcccggg 60
 ccgcgggggag cggacgaggg ccacagcccc ccacccgccca gggagcccag gtgctcggcg 120
 tctgaacgtc tcaaagggcc acagcgacaa tgacagctga caaggagaag aaaaggagta 180
 gctcggagag gaggaaggag aagtcccggg atgctgcgcg gtgccggcgg agcaaggaga 240
 cggagggtgt ctatgagctg gcccatgagc tgcctctgcc ccacagtgtg agctcccatc 300
 tggacaaggc ctccatcatg cgactggaaa tcagcttctc gcgaacacac aagctcctct 360
 cctcagtttg ctctgaaaac gagtccgaag ccgaagctga ccagcagatg gacaacttgt 420
 acctgaaaag cttggagggt ttcatgtccg tggtgaccca agatggcgac atgatctttc 480
 tgtcagaaaa catcagcaag ttcattgggac ttacacaggt ggagctaaca ggacatagta 540
 tctttgactt cactcatccc tgcgaccatg aggagattcg tgagaacctg agtctcaaaa 600
 atggctctgg ttttgggaaa aaaagcaaag acatgtccac agagcgggac ttcttcatga 660
 ggatgaagtg cacggtcacc aacagaggcc gtactgtcaa cctcaagtca gccacctgga 720
 aggtcttgca ctgcacgggc caggtgaaag tctacaacaa ctgccctcct cacaatagtc 780
 tgtgtggcta caaggagccc ctgctgtcct gcctcatcat catgtgtgaa ccaatccagc 840
 acccatccca catggacatc cccctggata gcaagacctt cctgagccgc cacagcatgg 900
 acatgaagtt cacctactgt gatgacagaa tcacagaact gattgggttac caccctgagg 960
 agctgcttgg ccgctcagcc tatgaattct accatgcgct agactccgag aacatgacca 1020
 agagtcacca gaacttgtgc accaagggtc aggtagtaag tggccagtac cggatgctcg 1080
 caaagcatgg gggctacgtg tggttgaga cccaggggac ggtcatctac aaccctcgca 1140
 acctgcagcc ccagtgcac atgtgtgtca actacgtcct gagtgagatt gagaagaatg 1200
 acgtggtgtt ctccatggac cagactgaat ccctgttcaa gccccacctg atggccatga 1260
 acagcatctt tgatagcagt ggcaaggggg ctgtgtctga gaagagtaac ttctatttca 1320
 ccaagctaaa ggaggagccc gaggagctgg cccagctggc tcccacccca ggagacgcca 1380
 tcatctctct ggatttcggg aatcagaact tcgaggagtc ctacagctat ggcaaggcca 1440
 tcctgcccc gagccagcca tgggccacgg agttgaggag ccacagcacc cagagcgagg 1500
 ctgggagcct gcctgccttc accgtgcccc aggcagctgc cccgggcagc accaccccca 1560
 gtgccaccag cagcagcagc agctgctcca cgcccaatag ccctgaagac tattacacat 1620
 ctttgataa cgacctgaag attgaagtga ttgagaagct cttcgccatg gacacagagg 1680
 ccaaggacca atgcagtacc cagacggatt tcaatgagct ggacttggag aactggcac 1740
 cctatatccc catggacggg gaagacttcc agctaagccc catctgcccc gaggagcggc 1800

ISPT1010.ST25.txt

tcttggcgga gaaccacag tccaccccc agcactgctt cagtgccatg acaaacatct 1860
 tccagccact ggcccctgta gcccgcaca gtcccttcct cctggacaag tttcagcagc 1920
 agctggagag caagaagaca gagcccgagc accggcccat gtccctccatc ttctttgatg 1980
 ccggaagcaa agcatccctg ccaccgtgct gtggccaggc cagcaccctt ctctcttcca 2040
 tggggggcag atccaatacc cagtggcccc cagatccacc attacatttt gggcccacaa 2100
 agtgggccgt cggggatcag cgcacagagt tcttgggagc agcgccgttg gggcccctg 2160
 tctctccacc ccatgtctcc accttcaaga caagggtctgc aaagggtttt ggggctcgag 2220
 gccagacgt gctgagtccg gccatggtag ccctctccaa caagctgaag ctgaagcgac 2280
 agctggagta tgaagagcaa gccttccagg acctgagcgg gggggaccca cctggtggca 2340
 gcacctcaca tttgatgtgg aaacggatga agaacctcag ggggtgggagc tgccctttga 2400
 tgccggacaa gccactgagc gcaaatgtac ccaatgataa gttcacccaa aaccccatga 2460
 ggggcttggg ccatccccctg agacatctgc cgctgccaca gcctccatct gccatcagtc 2520
 ccggggagaa cagcaagagc aggttcccc cacagtgcta cgccaccag taccaggact 2580
 acagcctgtc gtcagccac aaggtgtcag gcatggcaag ccggtgtctc gggccctcat 2640
 ttgagtcta cctgctgccc gaactgacca gatatgactg tgaggtgaac gtgcccgtgc 2700
 tgggaagctc cacgctcctg caaggagggg acctcctcag agccctggac caggccacct 2760
 gagccaggcc ttctacctgg gcagcacctc tgccgacgcc gtcccaccag cttcacc 2818

<210> 209
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 209
 aagccttga gggtttcatt g 21

<210> 210
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 210
 tgctgatgtt ttctgacaga aagat 25

<210> 211
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 211
 cgtggtgacc caagatggcg aca 23

<210> 212
 <211> 3415
 <212> DNA
 <213> Mus musculus

<300>
 <301> Compernelle et al.
 <302> Loss of HIF-2 Alpha And Inhibition of VEGF Impair Fetal Lung
 Maturation, Whereas Treatment With VEGF Prevents Fatal
 Respiratory Distress In Premature Mice
 <303> Nat. Med.
 <304> 8
 <305> 7
 <306> 702-710
 <307> 2002
 <308> NM_010137.1
 <309> 2003-04-07
 <313> (1)..(3415)

<220>
 <221> misc_feature
 <222> (184)..(2808)
 <223> CDS

<220>
 <221> misc_feature
 <222> (2965)..(2965)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (2969)..(2969)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (3022)..(3022)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (3075)..(3075)
 <223> n is a, c, g, or t

<400> 212
 ctagccagcc ctctgcaaac ttccacctga ttgagcggga ctctcggacc tgcgagcact 60
 aaagaccttt cacacctgcc cgggcgacag agagctgcgg agggccacag caaagagagc 120
 ggctgcagcc cctacggggt taaggaaccc aggtgctccg ggtctcggag ggccacggcg 180
 acaatgacag ctgacaagga gaaaaaaagg agcagctcag agctgaggaa ggagaaatcc 240
 cgtgatgccg cgagggtgccg gcgcagcaag gagacggagg tcttctatga gttggctcat 300
 gagttgcccc tgcctcacag tgtgagctcc cacctggaca aagcctccat catgcgcctg 360
 gccatcagct tccttcggac acataagctc ctgtcctcag tctgctctga aaatgaatct 420
 gaagctgagg ccgaccagca aatggataac ttgtacctga aagccttgga gggtttcatt 480
 gctgtggtga cccaagacgg tgacatgatc tttctgtcgg aaaacatcag caagttcatg 540
 ggacttacct aggtagaact aacaggacac agcatctttg acttcactca tccttgcgac 600
 catgaggaga tccgtgagaa cctgactctc aaaaacggct ctggttttgg gaagaagagc 660

ISPT1010.ST25.txt

aaagacgtgt	ccaccgagcg	tgacttcttc	atgaggatga	agtgacacagt	caccaacaga	720
ggccggactg	tcaacctcaa	gtcggccacc	tggaagggtcc	tgactgcac	cgggcaagt	780
agagtctaca	acaactgccc	ccctcacagt	agtctctgtg	gctccaagga	gcccctgctg	840
tcctgcctta	tcatcatgtg	tgagccaate	cagcacccat	cccacatgga	catccccctg	900
gacagcaaga	ctttcctgag	ccgccacagc	atggacatga	agttcaccta	ctgtgacgac	960
agaatcttgg	aactgattgg	ttaccacccc	gaggagctac	ttggacgctc	tgccctatgag	1020
ttctaccatg	ccctggattc	ggagaacatg	acaaaaagtc	accagaactt	gtgcaccaag	1080
gggcaggtgg	tatctggcca	gtaccggatg	ctagccaaac	acggaggata	tgtgtggctg	1140
gagaccagc	ggacggtcat	ctacaacccc	cgcaacctgc	agcctcagt	tatcatgtgt	1200
gtcaactatg	tgctgagtga	gatcgagaag	aacgacgtgg	tgcttctccat	ggaccagacc	1260
gaatccctgt	tcaagccaca	cctgatggcc	atgaacagca	tctttgacag	cagtgcagat	1320
gtggctgtaa	ctgagaagag	caactacctg	ttcaccaaac	tgaaggagga	gcccaggagg	1380
ctggcccagt	tgccccccac	cccaggagat	gccattattt	ctctcgattt	cggaagccag	1440
aacttcgatg	aaccctcagc	ctatggcaag	gccatccttc	ccccgggcca	gcatggggcc	1500
gcggggctga	ggagccacag	tgcccagagc	gagtcgggga	gcctgccagc	cttcactgtg	1560
ccccaggcag	gcaccccagg	gaacactaca	cccagtgtct	caagcagcag	tagctgtctc	1620
acgcccagca	gccctgagga	ctactattca	tccttgagga	atcccttgaa	gatcgaagt	1680
attgagaagc	ttttcgccat	ggacacggag	ccgagggacc	cgggcagtag	ccagacggac	1740
ttcagtgaac	tggatttggg	gaccttggca	ccctacatcc	ctatggacgg	cgaggacttc	1800
cagctgagcc	ccatctgccc	agaggagccg	ctcatgccag	agagccccca	gcccaccccc	1860
cagcactgct	tcagtaccat	gaccagcatc	ttccagccgc	tcaccccggg	ggccacccac	1920
ggcccccttct	tcctcgataa	gtaccgcgag	cagttggaaa	gcaggaagac	agagtctgag	1980
cactggccca	tgtcttccat	cttctttgat	gctgggagca	aagggtccct	gtctccatgc	2040
tgtggccagg	ccagcacccc	tctctcttct	atggggggca	gatccaacac	gcagtggccc	2100
ccgatccac	cattacattt	cggccctact	aagtggcctg	tgggtgatca	gagtgtctgaa	2160
tccttgggag	ccctgccggt	ggggtcatcg	cagttggaac	ctccgagcgc	cccgcctcat	2220
gtctccatgt	tcaagatgag	gtctgcaaag	gacttcgggg	cccgaggtcc	atacatgatg	2280
agcccagcca	tgatcgccct	gtccaacaag	ctgaagctaa	agcggcagct	ggagtatgag	2340
gagcaagctt	tccaagaaac	aagcgggggg	gaccttccag	gcaccagcag	ttcacacttg	2400
atgtggaaac	gtatgaagag	cctcatgggc	gggacctgtc	ctttgatgcc	tgacaagacc	2460
atcagtggga	acatggcccc	ggatgaattc	acccaaaaat	ctatgagagg	cttgggccag	2520
ccattgagac	acttgccact	tccccagcca	ccattttacca	ggaactcagg	ggagaacgcc	2580
aagactgggt	tcccgccaca	gtgctatgcc	tcccagttcc	aggactacgg	tcctccagga	2640
gctcaaaagg	tgtcaggcgt	ggccagtcga	ctgctggggc	catcgttcga	gccttacctg	2700
ttgccggaac	tgaccagata	tgactgtgag	gtgaacgtgc	ccgtgcctgg	aagctccaca	2760

ISPT1010.ST25.txt

ctcctgcagg ggagagacct tctcagagct ctggaccagg ccacctgagc cagggcctct 2820
ggccggggcat gccctgcct gcccgcctgt cttgacctgc cagcttact tccatctgtg 2880
ttgctattag gtatctctaa caccagcaca cttcttacga gatgtactca acctggccta 2940
ctggccagggt caccaagcag tggcctttnt ctgacatgct cactttatta tccatgtttt 3000
aaaaatacat agttgttgta cntgctatgt tttaccgttg atgaaagtgt tctgaaattt 3060
tataagattt cccntcctt ccttccttg aattacttct aatttatatt ccccaaagg 3120
ttttctctct ctcatccta tccatactaa caagcatggg ggctggtgcc tctccctagg 3180
aaagctttgg cgtcattcaa ctcaagtgtt cttgttcttg ttgccaaaga gaaaaggatt 3240
ttcctccact gtggattttc cctctcccc acccccat acacacacac acacacacac 3300
acaccctac acacatatac acacatgcac gtatgcgtgc acacacacac acacacatat 3360
acacacacac acacacacac acacacccc ctacacacat atacacacat gcacc 3415

<210> 213
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 213
ggccatcggt cgagcctta 19

<210> 214
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 214
ggcacgggca cgttca 16

<210> 215
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 215
ctgttgccgg aactgaccag atatgactg 29

<210> 216
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 216
ggcaaattca acggcacagt 20

<210> 217
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 217
 gggctctcgct cctggaagat 20

<210> 218
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 218
 aaggccgaga atgggaagct tgtcatc 27

<210> 219
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 219
 gtcagctgtc attgtcgctg 20

<210> 220
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 220
 ggcctggctc aggtggcctg 20

<210> 221
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 221
 ggtcatgttc tcggagtcta 20

<210> 222
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Oligonucleotide primer

 <400> 222

gtggagcagc tgctgctgct 20

<210> 223
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 223
ggtacatttg cgctcagtgg 20

<210> 224
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 224
tgggcctcga gcccctaaaac 20

<210> 225
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 225
gaataggaag ttactcttct 20

<210> 226
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 226
tggaagtctt ccccggtccat 20

<210> 227
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 227
gcagctcctc aggggtggtaa 20

<210> 228
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 228
catggtagaa ttcataggct 20

<210> 229
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 229
tcacttcaat cttcaggtcg 20

<210> 230
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 230
gagcttccca gcacgggcac 20

<210> 231
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 231
tgaaggcagg caggctccca 20

<210> 232
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 232
ggtgctggcc tggccacagc 20

<210> 233
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 233
cgaatctcct catggtcgca 20

<210> 234
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 234
tgctgttcacat ggccatcagg 20

<210> 235
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 235
tactgcattg gtccttgcc 20

<210> 236
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 236
ctcccagcct cgctctgggt 20

<210> 237
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 237
aggagcgtgg agcttcccag 20

<210> 238
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 238
ctgtggacat gtctttgctt 20

<210> 239
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 239
agtgtctcca agtccagctc 20

<210> 240
<211> 20
<212> DNA


```

<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 240
ctattgtgag gagggcagtt                                20

<210> 241
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 241
tcatagaaca cctccgtctc                                20

<210> 242
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 242
aaatgtgagg tgctgccacc                                20

<210> 243
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 243
ttgggcgtgg agcagctgct                                20

<210> 244
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 244
gcgctgctcc caagaactct                                20

<210> 245
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer
;
<400> 245
gcagcaggta ggactcaaat                                20

<210> 246

```

```

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 246
gtgctgccac caggtgggtc
20

<210> 247
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 247
tggcatgtt ctcggagtct
20

<210> 248
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 248
tcagtctggt ccatggagaa
20

<210> 249
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 249
tctcacgaat ctcctcatgg
20

<210> 250
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 250
tcttcagggtc gttatccaaa
20

<210> 251
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 251
aggtcccctc cttgcaggag
20

```

```

<210> 252
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 252
tgggccagct catagaacac 20

<210> 253
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 253
tcaaattgtga ggtgctgcc 20

<210> 254
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 254
catctgctgg tcagcttcgg 20

<210> 255
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 255
acagggattc agtctgggtcc 20

<210> 256
<211> 0
<212> DNA
<213> ...

<400> 256
000

<210> 257
<211> 78695
<212> DNA
<213> Mus musculus

<400> 257
aacaagtcgc agttctgcgg aaggaggagg aagggcaggc gggcgcccga ggagcgcagc 60
tccagagaaa ggggagggac ggggtcaggg cagaggctgt ggccgcgcct ccctattggc 120
cgggacacgg tgggaagtcg gggcaggcag ccagcgtgcg gggcggggct tctctggagc 180
cccgcccccg gcccgcccc agcccgatgt cccactcccc cgcccctcgc gccctcccgc 240

```

ISPT1010.ST25.txt

```

gggcgggccc tccgagtttt taaagtgggc tgacagccga ggaggccgga cattcgagag 300
cggccgggtgt acagctcccg agtccgcagc gctccgctcc agctctcctg aggcgccgt 360
acaatcctcg gcagtgtcct gagactgtat ggtcatctca gcggccgcac tcgcttgccc 420
ccggattttt ttccaacttg ctctcttcga gccatttttt tttctttttt tctttttctt 480
tttttctttt tcttttttgg ttggttggtt ttgatttgtc agatcccaga aaagtgactc 540
ctgttcgggg ctaaacggaa ctccaggtcc cttgtcgctg ctctctctct cttttggcgt 600
cttacaacct cctcccactc ttttccccgg ccccgccctc tcctgcaggt tcctccccgt 660
cacccccctc ctccctcctc ctccctccga cctagccagc cctctgcaaa cttccacctg 720
attgagcggg actctcggac ctgcgagcac taaagacctt tcacacctgc ccgggcgaca 780
gagagtgcg gagggccaca gcaaagagag cggctgcagc ccctacgggg ttaaggaacc 840
caggtgctcc ggggtctcga gggccacggc gacaatgaca gctgacaagg agaaaaaag 900
gtaagcggga gtcaaagctg gcgaccgact tgggtcccagg cattggcgga actgcgcgtg 960
gcgggcgcga cccggggcag tcgggagagg ggtgcgagag ttctcggagg ctggaggacc 1020
gctgttgagg ggctttgagt aagcgagtcg gtgatgcctt tagggacaag gagctgcggt 1080
gtcgcagtag agttgcaaag cggatagtct cgagaccttg agacacggag agatggccct 1140
ggaggtcagg ggtgcttccg cggcgccttc caaagtctgt cgtccctgga gcaccaagct 1200
tccctagcga gtgttttgaa atgtttctgg gctgatgccc tcgactctta gggtttccat 1260
gctggagcag tagacacgcc tttcttttcc taagaccctc taggtctttc cgagagcggt 1320
cctatgcggg ctttgcgccc caaactagca tggaacagag ggcaaagcgc aactctgggg 1380
tgcgccctga ccgagaagcc ggaacactgt caagggctct gctccagacg gcaccaagct 1440
ttgttcaacc cccttaacct taccctacac ctgactccg gcagagagtg gggagtgagt 1500
gacctggatt gccctgcggg ggcaggtgct ctagtgtgca gagagaagac cgtgacaccc 1560
ggcggtccg agtgtctgat tcttaagacg aagggcagcc acgaaggttt gtcctcgca 1620
accttcggc actgggtgag aggcaactcg gggcaactcg cgtgccctc gagcctcctt 1680
caatccgcc cgcacttggt gacttgacac ccagctctag gagctgaggt gggaacacac 1740
tgtgaccccg ccgagacct gggtagattc tcgtgcctg caaaagtta tagctggccg 1800
cctggcactt tgctcctgtt tcgatcgggt cgtgccgtg gttagagctt ccagcactgc 1860
gctccgtggc gacttagctg ggggtgtccg aatggtacgc gtgaccgcag aatggcgca 1920
gctgccagag atccgtggcc agactggaaa agactggcg tgaggacca gccccgagca 1980
aacgggcttt ttgtttggc ttccacttag ggacatgagc caggaaactgt gtatcctctg 2040
gtcgaaaagct gcagctccca cctcagggca ccgataagga gttgataaac tccagcgaat 2100
cgcacccgct ctggccccgg gcccgcgccc tgcgctggcg gatctctaga gggggaaggt 2160
attgagtcg gttctagatt cccattatc gccacaaaa caactctgag gttctgtgta 2220
ctttgagggt agagaaggag aagcaagaga gagagagaga aaaaaaaga ctaagattct 2280
agctcaaact gtaaaaccag ccagagggta atcacaaaacc atcaaaaccg cgaagttgga 2340

```

ISPT1010.ST25.txt

cagcagagta gccaggagca cttattgaac actttattac tgccttgtct atgggtgact	2400
gtcgcgtttg tccgagatga gacctgacag taatcagtgt caagtgtcat cttgctctta	2460
ggtctatcaa tccttgggag agtcagggat cagtggggaa agctatttcc ataccagct	2520
tgcagagact ctttgccgag ggctggcagg gagtatagtc agagcctaga agaacgttgc	2580
ataatgacac tacaaattat ccacaacagc ggccacttta agaaccagtg tgacacagac	2640
tgtgaacctc ctaggaatct tcggcctgta gtgcagtgcc ccagtggtag ccaggcccg	2700
aggggtgtgtg tgtgtgtgtg tgtccaaaa acagggcaag cagtgtaggt tcagtgtagg	2760
ttcagacttc caaagcctgt taggatagtg gttttgagat tctgggttaa ttgactgact	2820
tcttgggggc atcaatatgt agttgaaaat tgtgaagcag ggcatcaaaa gttaatgtcc	2880
cttaaatggc tgcccagagc tttccagagc gcttcaggaa atcaatgtga gcagcaagg	2940
ttcccggatt ggtgatacca ccactagtg gttcaagggc cggttcttct ccagggcata	3000
actgagcatt tgtatggttc cttctggaaa cagcccttcc agaggccaga aggcttgtt	3060
tagtcccaaa catccttgtg tgggtggata tattccttca tgatagtcag gagccagct	3120
tttatttgtt ggctggttag cagactggg gagccacagc aagctctctt ggagtctca	3180
tcaaccagc aggattcctg attctaggaa gagccaagtg tggatgctct caagtgggga	3240
tttgtagaac aattaagata aatggaagt aggtctttg gtggccagga atccaagtcc	3300
aggcaciaaag ctagactctg ggtccaagta cctttcagg gtgcttctgg tatttgggtg	3360
cagggcaaag atgggcaagg aattggagat agctggacct tcaagtttcc taactgtgg	3420
tggcttctga tggcagcaga ttttaattgt cctctgttaa aataaaacca aggtccatca	3480
gttttcccag ccgaggagac aatgctggct gggcttcttg agtgaagctt atctccta	3540
tagtgttcct tcaacatttg acaacagtct aacctggtag agcagtgctg tacgacacta	3600
tcagcctggc atttaaaactg tactaaagat gactttctta gagttttggt ttttttgtt	3660
tgttttgtt tttgggtttt tttttttttt tttgggtttt tgttgttgtt ttgggtttt	3720
gttgttgttg tttttttcag ttttattgtg aggccttgaag attattttat aagcaagtat	3780
gaaagccata aacatatttt ctctttcttg ataaggctca aggaaggtaa aataatccct	3840
ctcgttaca ggaaaattag tgctgataag aatcagaaa ttggttcatt acaatcagtt	3900
agcatgtgaa cagcagagcc tcccacccca tccccccac cccccaccc cccccaccc	3960
cgccatggca tgcctcttgc cactgaggat ttccaaagga ttagtgcagc tcaccatcac	4020
catacctcca ccaccaccac caccagacct ctgaaccttc aagacagagg tttactttcc	4080
tagataattg caagagcctt gttctgagct gaggcaggag agatgtcaac cagtcagtg	4140
cgctgctctt ggtagttaaa aactttgggg aatcggaatc cattgggtga gtacctttcc	4200
tttatttcag ttaggggaaa acaaaaaaca aaaaccaaac aaacaacaac aacaacaaa	4260
gaccccaaca aaccctacta ctcgaggtat aaaataaaac caatgcaagc accctcctgg	4320
ttcctggatg tagcaagttg ctttgtgaag tagaggacat tccacagcta ctagattgtt	4380
gcctgggtg attaggcaat tttgcaggga tgaaagcctg aactgaaaac aggctacttt	4440

ISPT1010.ST25.txt

gtttacgttg tcaacaaagc ctctctgctg ctgtttctct gcctctgtgc atgtgtgtgt	4500
ttacatggcc ctgcccaggg ttctaggaat ctatgttgtt tagagagaga aggaaccaag	4560
tagttaattc ctagtgctgt agggcttcag cccctgggt ttgaaagtgc ctccttcaag	4620
gctgagcctt ttccatcttt gaggaatct tttctgtgca gcattttactt gctttaaaaa	4680
ctgcaacaac aaagcaaaaa cggtcctgtc ctatctcaag ataatagggt cctccttcgt	4740
tttatcttga tgaatctttc cttagtccta aggaaagttt tgtggtacac aaactaccga	4800
gctttttacc aagttactga gtaagttctg ttttctccca gggccttatt attcagcttt	4860
gcacactcca gaaacatgct ggtgagtctc acaatgacat ctataccaag atactaacca	4920
gtgggtctgg aaaaacagtg ctgaaaacta agaaatgggg catctgttca ttactcccaa	4980
ttgcttggtc tgatgggggt caggggtggg ggacaggacc acccaagaaa ccgttgggggt	5040
atcagccact catgggtgtt ttcttttgta gggttcaaat atttgaagct aaagaaaaga	5100
aattctgaat ggtatttcag ttggtaacgg tacaccatta ttgaaatgca ttcgtcattg	5160
aggaagctgg ctctgtgtcc ctgagataat aaacggtaga tgctggacac cagcataaac	5220
tggatctcag agagagtgtg gtggtagacg ttagaacttg gagatgatga acataaaaaat	5280
acggatgctc cacaggcggt ctgcaccatg aactttgaca catggacaaa atgactacca	5340
gttggttggt tttttttttt ttttaaagat ttatttatta ttatacctaa gttcactgta	5400
gctgacttca gacacaccag aagagggtgt cagatctcat tatgggtggt tgtgagccac	5460
catgtgggtg ctgggatttg aactcaggac cttcggaaga gcagtcagt ccctttacct	5520
gcccagccat ctaccagcc cggctaccga gtttaactgc ttgatgtaca cacttgtttt	5580
gggtggagaa tttgcaggga ggacacttac tggcctccac agtgacaacc aaaggtttct	5640
gtttccactg aggacaacgg tggccttgac tgactccgtg aaggccgaga agggagggga	5700
gtacttttcc gggagccttg taaatgagct tccggggtag taatagatct ctaaaattct	5760
atagagtgtg tgttttgttc tctgggtttt ttttttttta atgttaatct caatctcccc	5820
tcttcatgaa gagtgaaccc agagctttgc acgggctggg atagcattct ctaccactga	5880
gctggatgc cacccttgt tcagctccta gtcgccttcc aaagtggtg tgaagagaaa	5940
ataccttctt cctgcttgtc tgtctagcac ccaagagctc ccctccctga gttctaggct	6000
acaggctgcc tgttcctaca tttcaatgcc agcgtcttgt ctgtcctag ggagtgtcta	6060
taagacatgt tttccactat cccctgctat ctggagattc ttttgaacct tagaaatgga	6120
tgtgctcttg ggagaaatga gctacatagg cagaaggaca agatggaaag ctgagcgctc	6180
aatcttcccg tgccagcgct gtcctcagaa ctttccggat taactttgtt aatccttgta	6240
acaaccctgt gagataagcc ctgttattat ctccagttca ctgatgggaa ctcaggtgca	6300
gcaaggttgc tgcccgttgt cacaggcagt atatcttgga gctgagactc tccagagtcc	6360
acactctcac ccaccgttcc ttgcctcctg gccttaccta aaaggcctat aaagcattta	6420
ataccatgct tgaatgtggt aagcactcta taaatgataa cttcttttgt tgctgtgttt	6480
ataattatta taatgacttt tctcgtgact catcccttgt atcaaacctc acacacacag	6540

ISPT1010.ST25.txt

gcaggaactg aagacccaaa ggctattcct gaattcctgg aattacttat tttttttaat	6600
atatatatag atatttcctc agctaaagca ggggacagtt ctccactgcc cctggaagtt	6660
caaagctttc ttcccaccct ttgctgggtg caagacttca agaaccgttc agtcttcaga	6720
ctccattgtg cggaggggacc tgtaggagc tcttcctctg tggctccttt gatcttttga	6780
aattgcaagc ataggaagga aaagatggat ggggggaggg gataaatagt agtttatgat	6840
tgtcgtgatac atatTTTTat agagtccttt ctctgggtgag caccacaggc catataccaa	6900
gagccttgag atcttcttga gtttcctcgc ctcaaaccat gattgctttg gaacagttgt	6960
gggttggtgt atgggttttg ggtggggcgg ggtgggatgg ggtggggtag ggtgggtg	7020
ggtgggtggt ggtggggcat gtatgaatat atgcagctag caacacacag ttttcaagt	7080
agagtcctatg tgcaattcac tgacattttt ctggctcctgt tactcaaaga cacagaacca	7140
atctgaacgt ccgagactga gagaaatgtg gaggttattt gagatcccca gaatcagaga	7200
taagcgtggc cgagaccaga gtgttatgtg cgtctgagtg gcctttcttt ccctaatagc	7260
tcaagaaata ctggtttgct tatggccttg ggctgtttcc agaggccacc agtacatcct	7320
ccaggctcct gggataaaga gtgttgccctg ccgagaagca caggattcct taaagttagg	7380
agtggctctgt atgccagacc ctaggaagca gatactttct catacagaat gagatttcat	7440
gatgaatggc ttgttggttaa gtaaaacaaa cacatgaaaa cgtgtgtgtg tgtgtgtgtg	7500
tgtgtgtgtg tgtgtgtgtg tgatggctct gcacgtaaga gcatttgctg atcttataga	7560
agccctgagt ttgactccag caccatgtg ctcataacta cccctcagta tagttcctag	7620
ggatctgaca ccagttccc acagccacgc agtcacatgt cacacactta aaaataacac	7680
acacacacac acacacacac acacacatgt atgtatgtat atccgtgtat acatctgaca	7740
tgttttaatt ccacaacatc atggaaatag accttttagaa ttttcctata tccccccag	7800
tggctcacta cattcaccat tctagtggca acttccgatg tcataggtaa gaatcagatg	7860
attcatgttt ttcactgtgt tagactatgt acccaaacat gtatacacat acacacacac	7920
acacacacac acacacacac acacacggat ctactgtgct gccctattga ccatgatagt	7980
ctagagactg acccatgctg ttatatattggc tccccccccc ccctaaatgg caggctacag	8040
ccactggcaa ttttagatgt taatgagtag tgtagtggtc ctcttttggt ctgcccttgg	8100
tttgaagtgc acagtttagt ggctctttaa ctggaaagtc agtagtttgc taagaataag	8160
aggatacata ggctccatct aagaaagtta cgaatgcttt ataaatcatt taaaatacac	8220
cagctacagt atatggtttg gaactggcaa taattttaaag cactatgttg tgtgtctagc	8280
catgaagggt tctgtgtctt tggtatggcat atcactgtta acaaacacac atgttactca	8340
taattgaaag cgctcagcct cttgtcacca tgtaagggtt gtccctgacct gcctgcctcc	8400
tggagggggc ggaactggag gggctaaaga accaaacctc ttcactgtga gccaaacctc	8460
ggcgtggaga ggctggggcc agaacaccat cttgggctcc tggctctgtg ttgtgttgta	8520
ggaagggggc atagccagga acctaaagga gcaacttagc tgcagcacta accccgctca	8580
ttactaatga gtaattacag caaatattta cagggtctct tcctaccttt atgacttctt	8640

ISPT1010.ST25.txt

gttgctgaag cactttggag tgttgagaaa gattgttctg gaacatacgt catacatggt	8700
tgtaggaaaa gagtgcctct aagcgcacac acacacacac acacacacac acacacgctt	8760
ggttttgttt atgaattcca tgtgggaata acaaaattac accttctaga agctgagaat	8820
tttacttttc aaaacaaggt ttaaaaatca attctcaact gctggtttta aagcaccaat	8880
aaggctattc atgttcataa agtaaaactt gaggttaaat cataggcatt gcctaaatac	8940
tttttaaagc actacaatgt tttatgaaac tgtgacccct cacagtgcct tctgagtga	9000
aacagaaaaa cctagtagaa taaatcaagg tctataaaac aagccatgtg ggcaattctc	9060
tgagttccag aagccctggt aatgtattta gggtttggtg ttgttggtgt tgtttgtttg	9120
tttgttgtgt tgttttttaa aatcgggtcca gtgagtggct ttctcagtct gctcctgtga	9180
gccactgtgc cctgtgtttc tctctggtgt gtccagcagt tcccagggtgc tattttagaa	9240
tggcagcctt cgctccagcg ctggctgagg ttgatggagc taattttggt gtctagggtga	9300
aagggagcga gaaagcctgt gcaggagtca aaaaggcttt ctgtgccgg gctgagagca	9360
gcgtggtgtt accagacaca ctacatttca cttttagaac ctttgttgt gtacttgcac	9420
aacaaatgtt tacctagata ttaagataaa ggaaatatga aggtcccatt tcaactggtga	9480
caagggagcg tctataattg taactgtatc accgtgtagc aagcaggagt cccttttact	9540
ctatagccag gtcttaaggg aattaatggt ggggtgtggtg tacaagccaa ggcccttctc	9600
agtttctgtt tctggcttta ttgctgctac tatgttttct tggctcagcc aatgttttgc	9660
cccaccatt tgggtgaaggc ctttgtggtg gtcaaggatt cagagggaat tctaaagcac	9720
tctgtggccc cactctggag tcatccgctg ttctatggaa accagttagc agaccctggc	9780
accatcactc ttttcctagg ctctcagaaa acgtttacat ggtaccaata cgacctgtt	9840
tcaggccttc acgttgtctt ggaagcacag caaattttcc ttgtggcaag agggttccat	9900
gaggacttgg gggtttcttt gaagatcccc caaggattag ctaaatactc agtctgaaga	9960
tctaagaacc tcaactcaagg gccttcccat aggggaagcta cgaagcagggt gactgctgga	10020
aatgaggggc cccacactcc agctctctca tctgccccac tcagtcaact acggcacctc	10080
ctgagctccc cacaagccta ttctctgccc acacagggtat tgtcacagta ctcgttcgtc	10140
tctggttctt agtccatgct tgaatgcttt tccctcttt ctgccccaat atctcacact	10200
ttgtcttata atgaatgagc ctaagctctc tgcccttaac agaaacccat agcattccca	10260
ccctgccttt ccctccattt gctgttttat acttctttgt tgtctaaaga cattttattt	10320
gttcttgcc ttcacgttc gttcttgcac atggcacaag agcagggatg tctgattttc	10380
tgatgtggcc aataaatgct gatccttttc attttctct gaaatcatgg ccattagaaa	10440
aataaataca gaatgacttt ggttttttgt tttgtttgt tttttcgaga cagggtttct	10500
ctgtatagcc cctggctgtc ctggaactca ctctgtagac caggtggcc tcgaactcag	10560
aaatctgcct gcctctgcct ccgagtgct gggattaaag gcgtgtgcc ccactgccc	10620
gcttcgaatg actttgttga tgtccactt tctcgggctc agctgtctcc atccacacga	10680
cttcccttca cctgtttctg tgaacaagaa aataattggg gttgggggag gggcaaggca	10740

ISPT1010.ST25.txt

cgggccaggt gagcattatt tgccatcaga tgcaaggatc aggcaggtag tatgccaatg 10800
 ctgtttgtgca tcaagaatgc atggtagtct aggtaaactc cccagcttaa ctccggagtt 10860
 aacagctttc caggtgggaa attatgcaaa tgcatccgta tcagctgtcc caaagggctc 10920
 ccctggaaag cagacctcct tcagtcagca gggcattgtg tagccctgta tccatctgat 10980
 cttctgtctg aatttttaaa tttgcataat aagtttaag cttgctttct atttccattt 11040
 taggtgttct gtagttgtct gtaggtggaa ttcaggaata tggggacctt agttcaaagg 11100
 gatggaaacc acaggcagaa aactgcctc agatcagctt acccatcctt atttgataat 11160
 caccacgcag gtcagaagag gtttgtggta ctgctggcct cgagtataca tgcttacagg 11220
 ttatttgcgt atttggggac tgtgctgcac agagagatca caccaaggca tttgatgact 11280
 ctggtctctt caaatgactc gtttaaacca gtatgtggca gtgtgtggca ccaaggcacc 11340
 tggctgcac tttaggatgt tgccatcttg gtgtggagta aaaactaggc cagatacagc 11400
 acagagccag gagcagaaaa tggataggaa tcgagagctc tgagttgtat aaagttaaaa 11460
 aggactgggc tggagaagac cagagctttg agagaagagc attaaataag acttcggtct 11520
 tgaagattag aatttgggtt tgcacaggca gcaactgcag gctacgctgg ggatgggcga 11580
 ggcagtgcag accgcgagac ggaaagaagc agagtgcga ggacagggtc tgggggggtgc 11640
 tcctttcttt caactcggaa tcagtagatc ttatattagc agagatggag cctgggcctg 11700
 gactggagaa tctagggaca ggccctcttc gagcatgttt gatggaattc tcagcctgcc 11760
 ttttttgag acattagaag ctatttagag caattttatt gtccttctcc cacaaactta 11820
 gctagagtgt gcacacctag gagtgattgg cagaagccat gatggcctcc aaaacaatga 11880
 cctcaaagcg ctgaacccat agatcttagg aaacccactg tcattccgtc aggtatgtat 11940
 ttctttgtgg cttgcatagc tgcttgggag tgataaatac tagagttcta tcagaatggg 12000
 aacctgaagg gggacggctt gctgttacc taaaattgcc ttgcccttca ttcccatgtt 12060
 ctactagga ggccaaagcc tttgtcccct tggggacttg gtaaggteat ttgtcatatc 12120
 ctttcttgcc atttctcctt agagaaggat aaggttctt tcggcaccta gcacgtggag 12180
 ggagttacac agccaaggct gagtcaaact tttagtctct actggtagct cttcatccaa 12240
 acccagccca gagcactccg gccaaagcgt tctgtgacct tctctttaag acccagatct 12300
 ggttgatgtt ctgagtctga ccatgccaga agagtggggg aaaaaaagaa tcctctttcg 12360
 gagtcacctg ggtaggacag tcagagccct ttctcttcca caagcagggtg tgaccttttc 12420
 cctggaggaa tttagaagca ctaaggtcac agttgggtcaa agtgggccag gagttggtca 12480
 aagatcccaa atccctggac aagagcccac atcagggaca gcagaggcca gcaactgac 12540
 ctagttacat gagtttacc tggccagtgg tacttcaagg gagggaacgg ctcttagatg 12600
 gttttgtgtt aaactttaac ctcacaatga caactgtcat gtctcaactg ttagttctgt 12660
 ccctgtggt tgtaggacgg aggaaccact gctcagttct ggcaggctgg ttaggccagt 12720
 ggtttgctca ggttaaagcc tgagcccaga gaagagtctt ctggagccaa ggagccgtaa 12780
 tcgcctgcc gaaccacata gggacagggg acagtggagc tttgcagcac agtacagact 12840

ISPT1010.ST25.txt

```

ggcccttata caggagctaa ctgagacctc gggccatccc ttctggaagc ctcagggag 12900
ctctaagaaa agccagaaac caagaccaga cctgaccaca cataactcaga tctctccaca 12960
ttataaatgc gagtgtagca tctacattcc gatagcttct tacaggggtc aggaaggga 13020
aaggaagatg tcttagccaa gtttgcctgt gactaaacac cagatagcta gctccatgtc 13080
tatgtatctg tgttttcttt cctaagtgtg tttcttaagg tttaaaaaga tgcattgtgt 13140
tgccccgggtg tttgtatgtg taacacatgt ctcagggtacc tgcagagacc agaagagggc 13200
gctggatctc ctgaagctgg aattacaagt ggttgtgagc catggatcat gggactttgg 13260
aactgggcct gggccctctg tgctcttagc tgctaagcta tctacccac cagcgtctgt 13320
gttcatgttc ttttccaaag taaaaggctc ttaaaaaaac aacaaacgag caaacaaca 13380
aacaacaag caagcctttg cttctcctga actcatagca ggttcttctt ggccttggtc 13440
agtgaggggc taggcccggg catagctcaa gccagtgtgg ttctcatgtt ctctagctca 13500
ttccaggcta tggggagatc cagaggacta gcgcgctcct agtgagtga ctctccatcc 13560
tgagccatct ctcaagcaca ttagattctt ttctctaaat cagtgggtgc attttagttc 13620
tgggcacctg tagttgcttg tgtggggaca aggggtgtga catcacctta attttcctgg 13680
ccttgggtcc ccggagccct tgttttatttc ggggagtgac aagctttcac ccacttgaat 13740
tccttcgcct ccaaatacg tccagaatgac cacaagcctc ctgtgtttct tcgctttctc 13800
gggttttgcc agattctaaa tgccgtcagg gccactggct cttgttttat gtccctggca 13860
aagctggcct tcccatgaag ttcaaagccg ctttcaggca tcttgggagt ctgggagact 13920
gctttcgctt gctctctgct ttgtgaggac ctagggttga gatgtcacct ctgtctgctg 13980
ctctctgaat acgaaccagg gaatgttcta gtaataccac gtgctttaaa tgtatatatt 14040
aaaagcacac tttgtgagta ttatcttaat ggaaagaact ttgaaaagta taaagtgcaa 14100
accttctagg cattgtcatt aaggagcaga gcaatatact cattaggtgt gttattacct 14160
cttaaaagtg aaccgcctgc agacaggagg aagccttgag agaggctaac aggagactct 14220
ggtctccagg ctctaccggg tgggtccctc cgctgggct tttgggtcct gtggattctt 14280
gccaatcgtg gcatttagtg gatacccaa gactgaggaa atctgaagaa agtcctgaca 14340
agcaccagat cccaacaccc ttctgcttgc tttgtttccc ctacactgtg aagcaggaga 14400
gggcacagcc cagcactcac gtcaaggacg acacatcctt ccgtgtcgca caggaaccag 14460
ggctgcccag gccatagctg ctgcctctt cctcgttcca ctattttatg ccaaagagag 14520
gcattgacaa cctagaaaca ggtgctactc taaagagacc ttggtctcct tgaatgcaga 14580
ggcctggctg tgcttatacc ctaaccagga gacttgaccg gtcactcagc tctggcctca 14640
gacctatcat caactgtaac acatctggac ttcttacctc tgagctctct cttccctcag 14700
ccccacccgg gagactggcc agctgacttc aagcggctct tctcagctta aatatcacct 14760
cctcaggga gcctttctcg acgtccttcc attgacctct aatcctgttc catttgtctt 14820
ctaaacattt tccacgtgta atttacatgt ttacttatgt ctaccatgcc cctcccctgc 14880
cagggtgaaa ctgaaggtat ggactccaca cgtgccttgt ttaccactga gggctcagcc 14940

```

ISPT1010.ST25.txt

```

tttagaatgg agcctgcatg cactgctgct ttttacagat gcgttcagcg aactcgttgc 15000
tccgatattg ctgggctcta cattaccacg gtttacaatt gtccagtgtt ttcctaaagc 15060
tgattttggt tttgttttct gaggtagggt cccaggggct aggatttaca tgaatgcccc 15120
catacttggt ctttccaaag ctcttggtgc taacaccaag gaattgtcac tttttagcat 15180
atggatgagg cagttgagac actagagtat aatgaccatg ccagggtctg gcagtaccta 15240
cctgaacacg tttccagccc cagactatct gcaaagatcc acgctgcctc tcttggtccc 15300
atagttttct gttgtggcga tggtattgtt tgtcatatct ggcaatgttt accccagaga 15360
agtagggcca ttgtgtgctg gtagcgtctg ggaatgcaca gccaaagccc aggggaatgg 15420
ccactgctgt tcttaccaca attagaaatt gtcaagccag gacgagaagc aggggtgggtg 15480
ctgccatata ctgctggttc tgctctctca tggggctggg gtgagggtcc tagctccgca 15540
gccccgtgtg tctccttgct ctggctctcc cactcacatc gaagtgtgga cttctcctg 15600
cagggcgatg tgctatgctt agtgaatttc ctgagaagag gtaggcatta gctggctaga 15660
tgaccacctc tggcctcaat tattcaatta ttctaccctc tccaaaatga accagtagat 15720
gggaaccaga ccaggtaacc caaaaactct ccaggttcta gctccgctct gaagggaatt 15780
tccaggggtc tggcctcctg tttgcagatg ctgactctgg aaagagcagg ggaagttgga 15840
ggttggtggc aggggctggc ggacctcttt ccatctcttt gtaactcttc ctctccaaaa 15900
agatattcca tcccatcagg agttgctggt gggcctgggt cagtgcagca ggatgaacaa 15960
ccgcccccaa aagtcagctg aggtctgata tgtgatatgg tagaaagctc ccaaaggag 16020
gccatgcctc catctccctg atgcaggctt ctgggggtgt ctgatgccat taacggacag 16080
gggtcagaca ccaagtgcct ctgtctaggg ctctcgtttt atgtctggca ggtgactggt 16140
ctgtgccctt caattgaaca aggtctgaca gatgtaaact gccacagagg aagggcacat 16200
tgctgctatg attcctgtgt acgaatgttt ctggcgtgct cacacctggt agtgacatga 16260
actgattgac acttgagacc tgcaaatacg gtccctgcaac ctgaggcacc aagggagaag 16320
tcagctagga agcccgtgag gccttaagtt gttgaatgaa gtcatgctgc acagggtggg 16380
gggtgggggt gaccgtgctg caggatagag gtgagtcaca gtgcaagact gttggggagt 16440
caccttgaat ctgagccaaa aaagcagaaa tattgggact cgtttatcag ctttctatca 16500
ggtacatcaa gttctggatg gccacccact ggccagcgac atgatgtgga cggctctgct 16560
ctaccgcctt gggaaggctc tctgctggct cttgccccgc tgagcaaagt ccgcttggtc 16620
gctggagtgc acacagactc cttgccaggc ctgcccagaa tcctgtctcc tctgacttcc 16680
tgtgttcttg cataatatct cttgcctctt tgaatggctg gccccagtgc gggggcagct 16740
cactggtctt gctggattga gagtaggatg tggagggagg atgggtgata tttggatcta 16800
atccgtgggt gctccgcgtc ctggtggcag agcccctcaa actttttgat ggaagctttc 16860
agccagaagg gagtgagaga gcattgcaga ctgtatacac aactcgctc gtgcacatgc 16920
tccctggctt cttatatcca tgaatcatct ccctgggaaa attgttgaag tagttcaatt 16980
gttttcttct ggtcataaaa atatgaatta ttcccatata gtcactgtat aagaagccta 17040

```

ISPT1010.ST25.txt

aaagtaaaat aaatatatat atatataata ataaaaaaca aaaaaatgta ttattgaaag 17100
 ataagttcca ttaacagtga atatagtttc tcctacgtca gaaaggctga tccccatggc 17160
 tatgggatac cagcaatatt agctgtatta agttctgctt actgatgcat cttcatgaga 17220
 ctcccattca ctacccgtcc aggtctcaaaa agcaagtggg aactggccca acaattattt 17280
 ccaaacctga aaagcaatgt ctcccctgaa gttctgacca gtatgctctg gagtcccaga 17340
 aataactgca aaatcaaagg ctgggtgcctg tgtgagcctt tctgtaggct tagagtaatt 17400
 cccatgatta cacaggagaa ggctgcttcg atgacagctc tgagggtgg gcctgggtctc 17460
 actttgggga aaaaaaactc catctatcca cagggccgtg tgtgagttaa gccaggagcc 17520
 cactggctgg cagagcaagt ttaactttgg ctttccagtg ctcaagattt cagggaggct 17580
 ctatttaaatt tttacttggc tgtcaccctt ctgaaaattt gtagcactat ccgtatcttt 17640
 aaggaagtga cttttcccg tccttgcctt tgtagcatg acatgagaac ttggaagcgt 17700
 ccatggtgac ctgcttcag ttgattatt gaaaacaaaa caaaacctg catagatccg 17760
 gggtttctga cttacctg gaaactgtac tttctacagg gtggccatga gagtttgag 17820
 gccacctgct aaaagttgac aacctgagag tctgcagtag acaacacaca cagcatgctt 17880
 ctgtgttga tctgagtgc tcctgcatct gtctgttttc ttgcttctc ctttaaactg 17940
 ggttaaccat cctccatatt ggtactggg atagatagca ccaggggcct cacagattgc 18000
 tagaaaagt ctctaccaat gagcaacgtc ctctgctcaa tgagtgtgtg tgtgtgtgtg 18060
 tgtgtgtgtg tgtgtgtgtg tgtgtgtgta aatatcagaa acttggttaa ataaatatat 18120
 gtaacataca atatacttat ataatatatg tgtatatatt atatatctcc atcccaaagt 18180
 tctctgtttg agactggact taatacttcc cgttgggaat tgcttataag gttttacttt 18240
 ttagtaaaga aaagttgttt gtttcctaaa ctctctggct taaacttttt acttaagtca 18300
 aaaagcaaga gaatacctct cggcttgaat acctttattt ttaaagctca agagtctttt 18360
 ttaaaacaaa aacttgctac agaacttggc accaggggac tgcaaggatt taccttattt 18420
 tgatgatagc tgccctgaaa cgatctatta gaataatctg cataattgca gtctcccctt 18480
 cagtttattc agcctgcaact ccctagtcta gatttactgg ccagactggtt attacatcaa 18540
 attccttgat gctgtattcc tgaggactga tggaactaag agttacagag aggaatcagc 18600
 gacctttgtc tgcttttcag aattcttcag aacatactga ttagccagg ggcttttgcg 18660
 attgctctcc ttactgggtc agtacctgat tttgctgggt ttctggccac acatgtgcgt 18720
 ttgggaagca ggatagatag ggcgagaaac ctgaattggc agtcagagtt atgaaacagg 18780
 actttgttac aattgatag tctgtacagt ggacgcacag cagctgttg catggtaact 18840
 cctacgtggc agagtgcag gagcccgag atgactttag cagcgtccg tgttaatttg 18900
 ataaatggct tttttaatag tagtttgtgg gctaattgaa agattgaagc gaaccctcgt 18960
 taatggaagg gaggatggag attttgaagc cactgggtga agtcggagag tcccagccaa 19020
 gtctccattt tcagctcagt gtctcttttc atgtgcctga agtgtggcaa accaaagtac 19080
 agtagggagc ctgccttgag agtaggcac ggccctgggc tccggcttac gagtgaagag 19140

ISPT1010.ST25.txt

gcttcagggg ccttattcaa tacagttgct ttgtgcaggg gcttagctta gggccactgt 19200
aagaagtcta catttgtgtt tctttttcct tagtggtaat ggggcagggg ttatggtggc 19260
cgacaggtct ggcataattha gccgtttggt tggttgtatt gtggttattt gggttctcag 19320
aggggttggt tattttttgtc tctggtttgt ttgttgacat aggggtctcgt aaccaggtct 19380
ggcctcagat gccctacata tatatatctc tgaggatgac cctggacctc tgatccttct 19440
actgccagct ccaggggtgct ggggtcatag gcgtgaacca ccttgcctag ctaatgtggg 19500
atcggggatt gaacacagag cttctgcctg ctatagatgaca ctctatcaat taacggcatc 19560
tcctcctggg ttccggccatc tttcattgtg tgagaatata taatcacacc aactgctgg 19620
cccactcaag gagcctctct gcaaccacata ctgaagctct gcgttcctta tatagcgctc 19680
gacaaacacc tctgggggat ggatctcctc actgtgttgc caaagcaaaa cctgggggtt 19740
tttgccttctc tggcaagttc ccaggagacg cggacattac cggttctcag tccacatgct 19800
gagaacttgg tgcttttacac taatgcggag aaaattggga acaagacata aagaggccaa 19860
atgacttgca ccttaatggc taaggatgat ggagcttgaa ctgaaacgtg gctagggcct 19920
ctaaggcacc tgctgtctct gtcttatcag caatggcaga agtgcagtg ctggagcatc 19980
ccaagggtac cttctgccat cccaagggtc cacggtgtat taatctgtca cagtcaagtt 20040
cagaggtggc ctcggaagcc tgctgctcac agccttctct gcgtgcgcat tggagttggg 20100
tttcccttgg gctaacctac aatggagaca gtaccaaaaa acccaccaat gcagctgaaa 20160
caaaacaaga ctttatccgg gcattagtct aggccgccta ggagagaagt ggtttgtggc 20220
ttagatttgt aaggagcgtg gcatctccag ttgttctagg ccagaacaga tcatcacagc 20280
tggagtcttt gttcagatct caggcaacct aggggtacttg agaagtttaa gacagatagc 20340
attactagag aggtttgttt ggttggcttg ctttttacat tttcatactt tttctcctta 20400
actcatactc caaacattcc attacatggc gctaggtgta gtgacggata ttaagatggg 20460
ggccagtga tacttgctaa gaaaagtagg ccaaaggcat ctgtgtccaa atatgctgaa 20520
ccgctcagcc caagagcggg agggatgac aagacagaag gacaggtaac acctgggatt 20580
cacacaacac attggctctt aaagtcacat tttcaatgtc cttaaaaaac aaaatgcaca 20640
gacacagaca caattaaaat aagtcttaaa agaaaaaatt taaaaatgca aaaattatag 20700
tggctactgc tactgttctg tccccaggat gtcttccaca aagagggaat ggaagccaaa 20760
gcaggggttt gtgtgcgtcc ggagcctcct gaccaatagc tgtgattctt ctggctttag 20820
aaataaccca atgccatctc tccagtggct ttgccaaacc acatgatacc tatttctcat 20880
taccaccaat aacgaatatt tagtctgtga ctgttgtgta tacaggggtga tctcgtctca 20940
ataactatth ataagcaact taaaagcaag ggtgggatta ggaggtatat atagctcgat 21000
ggtaaagtgt tcttttagcat acccaaggcc ctgagtttga tccttagcat aggatcagag 21060
tgaaaggggc aagggaagc aagatgtttg tgggtgggga ggtgggtggg gtggtagtgt 21120
gtgttactgt gtgttactgt gtgtgtgtgt ttctctctct ccatcatgtg tataatatgg 21180
catgtgtata gtaaatatta catgtaaata ttcacatat taaaagctat ctgtaaatgc 21240

ISPT1010.ST25.txt

aaattttaatt	tgtgaagaga	taaagcttcc	aggtccattg	aagaggagag	gtggctctaa	21300
ataggctggt	gcagacaaaa	cagacaccgt	caggagcaca	gatgctctac	tttggctgtg	21360
acacaccctg	tggcagagaa	gactgggggtg	agaatgaaaa	atggacatcc	ttgggcaact	21420
cccagatgcc	atgggttttc	cacatcacat	ttgatcttat	aggtaaaatt	gtctttaatg	21480
ctggggatcc	agtgaaggc	ctcacatata	gtaagcaagg	cttcttcac	tgaccacatc	21540
catgacactc	gctttttttg	tttgtttgtt	ttgttttgtt	tttcaagaca	gggtttctct	21600
gtgtagccct	ggctgtcctg	gaacacactt	tgtagaccag	cctggcctcg	aactcagaaa	21660
tccgcctgcc	tctgcctcct	gagtgtctgg	attaaagggtg	tgcgccacca	caactggcga	21720
cactagcttt	taaagtcata	ttctaaaaac	tactacataa	gtgggtatct	gcgcacagct	21780
tgtaacagac	ttcacaagag	gggcagagtc	cgtgattcgg	agttgttttg	ttaaatgtca	21840
agaatacaga	aacatagaac	tggttaatat	ttctgctttc	gatgcaaata	ggttaggtta	21900
gagccaggct	catggccttc	cccggcttta	ctctgcctca	tgtagcttgg	ctacaggcct	21960
tgggcatagt	gttggattaa	gcagagaggg	tccctaatag	gtatgttcag	gaaataggta	22020
tgtaaataa	aggaatggg	gtttgggggtg	ggctgaactt	tcctgaagga	gcaggaagat	22080
tttctctagt	cagatctttg	taagagcctc	cttcttactt	acaattaacc	cccccccccac	22140
acacacacac	catggaagat	gtcctgacac	cctatggact	cagggttcac	tgcttagggc	22200
tctctgttct	atatgcttaa	gtcaggatct	tagagataag	ggttgtggaa	accaattcct	22260
gagttacatc	acaatactaa	tatccttttg	aagtttttag	gtcattacct	taggaaggga	22320
agctattttg	ctattcattg	gagatgggag	gaggaacata	aagcaaaaat	ttctgctgat	22380
gtgggtgttt	gcttggggcc	aagggtactg	gaggggcacc	aagggtgtgc	ttcctttatg	22440
tttgtaaaag	ccctactagc	ctctgtttta	gacggtcctg	taggttaggtg	caggagggca	22500
tgaatcattt	tgtgctgcct	tcctcttggt	tcagcagagc	ccagcaagtc	agatgggtag	22560
aggtgacct	tctggcctgg	tcaggctttc	cattgggtcag	cagcaaaaact	gtgctctggg	22620
cactgatgat	gccaggcccc	tgctggggcc	catgctggag	gatgaggtcc	acaagccagt	22680
tcctctgtac	ctccaaggct	tacaaaaccc	cagccactgg	gctgtgcaat	ctcacttcaa	22740
atgagtggt	tgtccacca	tggccgtcac	acatgagcat	ttcagtggaa	agagactgaa	22800
attctattgc	catggacttt	cagaactcat	gctcgatgga	gatagaaccc	accagtgtat	22860
taggttcttg	aaagctacct	cctgcgcac	atttaaatacc	taaaagata	atttccaatg	22920
aagagaaaact	gattattttt	tgctaggggc	aggttggtt	aagggtgggtg	ctattcgaga	22980
tgtctgagac	ctgagggatg	accaggatga	gaaggaaatg	gtcctacact	gggctaggtc	23040
ctccaggcaa	ccccctaca	gagagcagtc	tcctgcccgg	ggtggatttg	ggaccttctg	23100
aaatctttgt	ggtccaccag	tagggaatca	acttcttact	acggagagca	gctggagacg	23160
taagcataac	gcctttccat	tgtcccggcg	tgtattctca	agtgggtccc	ggcttctctg	23220
aacggcttcc	cttgagtgtg	agggtctgaga	tgagtctgcc	gggtgatgaa	tgggttcagg	23280
aaggagtggc	tgcatcacct	gcctggggga	tgagcaccca	cgtgacttca	tggttgtgca	23340

ISPT1010.ST25.txt

agaattgggc aacgtttggc caggggtggag aggtcttggc aaaggcagtt tcactcctaa 23400
 cagattccta tctcctccat gggggaaaaa caactatcag gagatccatc tgtacagcat 23460
 tggaggacgt tgatcgcttc ttcagctgtc tgtggccttt tatttgctaa gaactcatgg 23520
 attgaagacc tcagaagatt aaggaagata ggcatccctt tccttcctgt ggcagctctg 23580
 gagaagggga ggggtgggtaa aaggaagaca aggtgggagg ccatcaatgg caggacgggg 23640
 agaaatgggt ttagagcgtc tgcagagtag tcgcagagca gagtggtagg cttgcaggtt 23700
 caagttgtgg atctacctct tagctgaggt atcttgataa agtactttaa accctctgta 23760
 cctatgtgtt taaagtacaa gatggaaatc attgtagtat tgaatcagag ggtagggctt 23820
 agtcatcatg aaggttggtc ctagttccaa gacactagac acaagtggaa gggctgaact 23880
 aaacttgggt ttttgactta ccactcttca ggtctcaatt tcttcatctg tacagtaaag 23940
 agactagagc agattaatgc taaggttttg tgtattctaa atgatatgat tccatggttg 24000
 aataactatt aagtgtctgc tgtatgttcc agcactgtac ggggcatgcg tgaataggga 24060
 tctctttgtc cttaagatct tgtcttactg gggaatgttc actaatacac aggagaacat 24120
 ttaattcaca aatcaactca caaattaaaa aacattagaa gccagacatg gtgacgcacg 24180
 cctttaatcc cagcacttgg gaggcagagg caggtggatt tctgagtttg aggccagcgt 24240
 ggtctacaga gtgagttcca ggacagctag ggctacacag agaaaccctg tctggaaaaa 24300
 caaaaacaaa aacaaagcaa aacaaaaaaa aaacaaaaca aaaaaattag aaattgaaaa 24360
 cttggagcat tttggctgga tagatggttc atctgtcaaa ggcaacttggc tgctctttcg 24420
 gaggacaggc atttaattcc cagcacccac atggctggtc acagttgcct gtaactccaa 24480
 tttcaaggaa tctggtgccc ttttatggcc tccatgagca ccagttaggc atgtgatgca 24540
 tatatatgca gacaaaagat ctatacagaa gtcaaaaagta aataaattaa aaacccaaat 24600
 gccgagtaat ggatctgaag aacattggaa taagaaatct cactgtggac cagagtaggg 24660
 agacttgaca gcagctatgc accttgtcac atcccaggaa cactagcatt aatactgaag 24720
 ctggagaaaa cagcctccta tttgaggctt agaccaaatt ttataagaag agtatagact 24780
 gaaagtatga tgtggtccaa actggtttct catatatctt tggatgttca tcctatcaga 24840
 acaacgtatc tggcacacgt gagaattcac tttccaaagg ctgggaagat ctagggctct 24900
 gcattgttag cttcagcagc acgtagtgtt ctcagccctg cctctagagg gtagcgca 24960
 ggcaataccc atcacacaat acccatctta cctatagctt ggagaagagc tttgagtggc 25020
 cttatgcttc ctgagccaga ttcttctaag ataaattctt ccagtgccta aactttgacg 25080
 acattgtggg aggggaatat cgatacacac ccctgaagtc tctgcatcta catttgagg 25140
 aaacttagca accccttcaa aggtgtttca taataaccaa accatagtct ctcagcaaaa 25200
 ttggctgatc caggcaacaa gggaatatc ctaatggcca aagtagtgga gttcaggtca 25260
 tctcagtgat agagctggga agaggcttac gcaggctctg aaaagtaaga agaggccatt 25320
 ttgggagata agatgggtaa ggcctcagct acctaccagt ttccaggcca cctctcccaa 25380
 tgcacacatg cgcgcgcaca cacacacaca cacacacaca cgcactcttt 25440

ISPT1010.ST25.txt

ctcacacact cttttacaca tacattcttt cacacacaca ctcttacaca cacattcttt 25500
 cacatacaca cacactcttt ctcacactct cttttacaca cacattcttt cacacacaca 25560
 ctcttttctca cacactcttt tacacacatt ctttcacaca cacactctct ttctcaaaca 25620
 cactctttta cacacatatt ctttcacaca cacactcttt tacacacaca ttctttcaca 25680
 cacacacttt ctcacacaca ctcttttgca cacacattct ttcacacaca cactctcttt 25740
 tacacacaca ttctttcaca cacacacaca gacacacaca cagacacaca gacacacaca 25800
 cacacacaca cacacacaca caccacattg caggtagtca gtgcatttg atgtggttct 25860
 ttatttccag acaggaagt agatgtaaat gacagatgag gtgcatgaac tctctggcct 25920
 caccagaca ctgataattt cccatcatct cttgagcagt cagtgatggc ctggctcgat 25980
 agggcggttc atgacaccct agcttcagat cagcagattg cagcttggtg ctgagactcc 26040
 ttctgtttac agaccacaga aatcctgggtg acatgcggcc cattttacct tgtgtaaagg 26100
 cacaaggaca tgtcacgctt gccatgagaa caccggttca cacaggcacc aaagcagtag 26160
 gcaggccaga tggagtcaca gggttcagag aaggactgtg acataatgct gaagccccgt 26220
 gttggggaca gatgtctctc tgccttcag gaggcggcag taagcgcttc ttttccaaac 26280
 cctcctctca tcccgggtccc ctcccctttt cgttcataaa aaagtatttt tcttccaaat 26340
 aagcaattcc aaaatatatg aaataaacgt tagttctaata gagcctctgg gaaagtgctc 26400
 acctttgaac tcggccaagg attatgggga aaagaaaaag tcgtaggaac ttgatagagc 26460
 gttagagctt cctgggtttt taagctgggt tatgtattgc atttctttgc cttaataagg 26520
 acggttccag aactctgccc tggataattg ggccatgtct gatagtagag acccaggatt 26580
 ggttactgga ttagggatta ttatctgggt gctaggcaac aattgggtag gaggcctgt 26640
 ttctagaatg ttctttcttt ccaaggactc agaacctttt ttttttttg atggtccctg 26700
 tggggagtct gagacctagg aagaaacaag aggatgttta taggaggccg actgctaaag 26760
 gggagtaaca ctcaggaact gtccctgtga gacaagctta cccccccac ttccccgaga 26820
 cattgtgct tcaaataaca gaaatcattt tctgaaagac aggctttcag tctgggtcgc 26880
 ctctggctgc ttgtatggac tcttcacatc tgaatttccc caccctctc cccagataa 26940
 gaagtttact tccagccatt ggcacaaatc atccctaggg tgacttgaac ctgactaagg 27000
 acagctctcg aaaatcctga taaggctctc aaacttctat gccctgtagc agtaactaac 27060
 cattccccct tctttaaact cgtccatctt gctttcattg tagtgttttt cctcatgcct 27120
 aagtcaaatg agctctgtgt ctcatcccta ccactctcga gggctgagca tcaccagtgg 27180
 gctcctccta gggaccagag atctagaaac acagaggacc ttagctgagc tggaggtacc 27240
 acttcacggc atgagctgtt tttcctcaat tttccttctt aggcctgcac agatttcttt 27300
 actggatgga taggccccca tgcataccca gcctacctcc agcccagcac ctgctcagta 27360
 cacttagcct gtaaatagag tcatcccaca aaggacattt tctctggtgg cttaaggtt 27420
 tgacggagag ttctctagac ttggcagctt agctgtgacc tcaggaatct cgggtgctggc 27480
 aaggctaggt ctttgacta acgtggctca gtgcccattg agataatctc ctcttgtaat 27540

ISPT1010.ST25.txt

ggggtgcacaa tcatttttatt gttgaagcaa taggaacgca aaaacagaag gaatcccaca 27600
 acagagcttg cccgtggctc agtgagcctc tctgctcctg gctgagggca ccttgggaca 27660
 cctcaagttc aatcccaacc gccaccctga aggtcagctg attcataagg tgtgggctta 27720
 tggaggagcc tacaccacaca gcctgagcct ccccaggcct ggccactgcc tgtgttcttg 27780
 ctaacacctc ctgttttattg tttgaaactc aaaagacaaa accctccagc aacctcctcc 27840
 ctttctactc tgagataggt accccctttt gtccctatta cactgactt ctgcagtagc 27900
 agcatttggc tccaacactt gagtgtctcg taggcatcag acacagttct gagcacgtta 27960
 caagcgtttc ttccttccaa gtgtctcatg gaacagagac ctgtaatgaa aactaaagta 28020
 ggttgtccta gatcagagca tgcaagtgcc caggccctca ggcccaggct gcctgcttgt 28080
 ctggctccca cactggcttc ctacacagagg cagtgttccc acctagtagg tctgcacttg 28140
 tagtaagtac ctattcagta agtgaaggct tatggctcac aaataacctga tgggatttaa 28200
 attccaaaga gctgtgcagc ttacaaagtt acataaatgc acaggaccac tgacttttta 28260
 ttttagcaaa gtaaggggtga tgcttatctg ttgttggtga ttttttttta actctgtgga 28320
 gagagatgga gagagagtag accacagtgc acgcatggga gccagaagat aagccaaggg 28380
 agccagtttt ctcttccat cctctgggtc cctgggatca aacgcctcac ggcttcagat 28440
 tggcagcagg tgccttcacc tgcccaggga tgctctatga ctccagttgc tttggaacgg 28500
 tttttttcta ggtagcatag tcagagctgt gagatttggc agactgccac aggggaaagg 28560
 acagtgtgtt tgtcagaata ctggcggcct ttagaagcga tttccatgaa gctgaagttg 28620
 caactgacat tttaaaaata attaaagaaa gagagcaacc gaagtctgtc ccgggcgggt 28680
 ccaaagaggt tgtgtgtctg ctctccagcc atcagcaggg ctgggatatc cgagactaag 28740
 tgacaactca ggcaagcctc cagggtcaca caacacagcc cctccactca ggtctcccca 28800
 tgctggtaga atgtagcatg caagcctctg gggctgtagg gtctgagtg gcttttgga 28860
 gcctttctct gtggctctcc acacagtaga acgagagatc cggcctgaag gctacacagc 28920
 tgtgtctgag gcagagctga gttgctaata tctcttcctg atggccaagg cagggatttt 28980
 tacaggccta gaaatctagc cctgcttcgg tagctctggg aggaggtcct ggggtgctca 29040
 actgcttggc caggggacag atggagcatt gagcctttca ccaggatctc atggaaagcc 29100
 agtgcctgt cacctgtcac ctgtcacctg tcacctgtca ccattaatag gcacaaagag 29160
 tgttgcacag aaaaaaagta ccaacttggt ttcttttcaa ctgctgggct gggtaatgat 29220
 gtaaaaacga cattatccct aataaacgtg atttgcagag atcgttgaca accccagtag 29280
 cagagacttg cattagcag taaacagata agagaaacag ccggcttcac cagctcctgg 29340
 cgtggcacgt gtgtctaggt ctggtatgaa ctgaagggtg ggggtggagt gtggagtttt 29400
 aaaggcgaat cgggtgatgg agagagtttg tcttaagggt ggccatccca taaatctact 29460
 tctcgatttt taggttgtg tttcagttgt atacatgttt gttttggtgg tatttttttt 29520
 tcttaaggga tgggggcgtg cttatggggg gtgtggcttg tcctagtttc tcacctccat 29580
 attacctcac caaaggaggt gggagccctg gtcaggccct agcaccgtcc ctgccaagtg 29640

ISPT1010.ST25.txt

actaaagagg gcagccacat ctgtggcata cagtctatgg gcctgcagcg agtggttagat 29700
 tgctcgatta tgtcaaggag ttgggatcaa gacaggaact tccgcagggtg gggagagagt 29760
 ggcttctgtc tggacctgtt cccctagtga gggctgactg gcagctggct ccctaaaaca 29820
 cctgaatgta ggtagcaggc acaggtagcc atgtctgtgt gagaatagct tcaggatatg 29880
 tgggtaagtt agttgaaccc ttgggtgtta aataacctgg atacagtcac cgttatttct 29940
 ctttaccatt tttttttctt tgccagaaag cactaaagca ttaggactct ggcttcctgc 30000
 tcctgaggct ggaggagtgt ggcttgtcta accttctcag cagctggcca cgtcacatct 30060
 gaaagagcta cctgatgctg ttgttgccctc tgtgctgtgt tgtgtgctgt tgtgtgtgtg 30120
 tgtgtgtgtg taattcataa gcttgccttc cacctgtccc tcagaggaga ccccccaag 30180
 ataaggaata actgaaaggc cagaacctca cagctgagga tcaatcaagt ctcagtgtctc 30240
 aggccctggc cgaggaggag gcatccacat ggactgcgga gagggtgga gggagcctct 30300
 gcagggtggc aggttatgct ggaccttaaa gcttggaagg tcagaaggaa gaagaccctc 30360
 tactaaggca caactactag gacctcgctg gatggccggc aggatgtggc atgtggatct 30420
 acatgtatgg ggggggggcg caaagggaca cagctggaag acaggggcaa acatctggaa 30480
 ataaatgaaa taccatgca gtctgccaa gggatatagg ttgttaagga attgttttca 30540
 tcctgtgggt aacgtgtgac ctgtgcttca gcaagaagac cttgacaagg tctctgagga 30600
 cccagccgga atacggccca cagcagccca gccgacacgg ctgtacttgg agcttttaac 30660
 aaagacattc atttctcttg cctatggtgt caaaagagag attctcatat gtactgtcca 30720
 gtgtggccaa agcttgccca acagaatggc ccgaatctaa ctggctgctg tgctgcctcc 30780
 gatcacttgt ggggcagtgt gcacacttag tcacccact ctgccttgcc acctttctcc 30840
 tgcgcttgc tgtctcctga tcaactggcc ctgtccttcc ctgagaggta tttgtgtcct 30900
 ggcttcctgg ctcccttccc tccacccact ctcccttcca attacctctc caagtcttcc 30960
 tgactttctc ctctcacact ctgggtgttg ctggggagta aaccagtcct ccagaacaga 31020
 acttctctgc aggtccctg aggtcagggg agccatctcc acttgctact cttgctggaa 31080
 gaccacacat ggaagaaggg aatcatgtct gtgcaatgag tgcagcgagt aagccctgc 31140
 tggggaagac agcctgatgt cctaggttgc tcagggttac catctgagag gaagcctttg 31200
 gcatttcccg tggcttcgga tgacttctt gcaaaggaat ggagtaaagc ttcctaaata 31260
 tgcacagata ctcaattctc acagggacga agaagggaca aatttgggag aaaacaagag 31320
 cctgccctgt ggccgtgaat cagaccaga aagccagaca tgtgacctg taaacggggc 31380
 acatatcggt gttcttgca tagaaccagc aagattctct cagttggttc cttttctaaa 31440
 aacagggtct catgctgccc aggttagact tggatttgct atataacggc ggggtggcctt 31500
 gggctcctgg tcatccttct ggggtgcagag attactgtcc tgcgtcccca tgcattggctg 31560
 ctgcaggaca ctcatctcgg gcttgaacat taggcgagca ctctaccaag gcgagctaac 31620
 tcctcccaga gatcctgcag gggttcccc ttgtctgtac gtgttcccaa acccgtgcca 31680
 cagctctgac cctgaattgg attagaagag cacatcctga ggttcttcat cttacttgt 31740

ISPT1010.ST25.txt

gaccaagcgc cagtcctgac gaaaagacca aaacactttc tgttcttctt aaaatttaaag 31800
tgtctgaagt agagagagggc tcagccctta taattatgag aagtttccct cgcccaacac 31860
ccatctgctt aggatggctc cccacacctt tctccttgt cctcttcctc ctcttccttt 31920
tctacatcct aatgtgtaac ccttgtaggg gactttctgc ccccttcttc ctgctatac 31980
ccagtgcctg ccgcagagggc agcccagctc tgttttctca tgatgcagtg attatttttg 32040
gcactgcgca tattttctct aatgttatta ttgcctcctc cacccttctg ggtgccttct 32100
gaggagcact cagtttttg caattccaca caaaatcaga gggttaattt tagttcagtg 32160
gtgaagacga ggcaaggaga gagggggatg ccttctcctt tcgccccact gcagcatcct 32220
atgccacccc caaaagggat gcgtttcccc atgcctactc ataaaagagc ttgcttgctt 32280
ccctggctct gtgttagcca ttcattccact gctgggcctg gggttgaggg taccgctctc 32340
cagaggtgac gtccttcggg ggctgcacct cagggctggc atcttaatga cttgacttg 32400
cgggcttaga acagcctcat tcagaccgag ttcactccct gcgcagttgg cccactcagc 32460
ttctgtccat agagtctct tgttcaagct gcaggaggaa atggagattt ccaagtggga 32520
agcagccttc ccaatgcctt aactcttccc tgcagggaa aggagctaca gagagagagc 32580
aaaagaaaac ccaagaggca cagctgcagt tccctgggag agggggacag gggcggggtg 32640
gggagcagtg tggctggggg ctgaggctgg agccagcaca gctgggatca ctttccttcc 32700
tggggaggtg ggaaggaaga aagtggaggg cgcatttgaa ttgccctaca tcaattagca 32760
gatatttttc agtttgtcca gagctgaggg cctgagaaga acatgcaaaa gtagagaatg 32820
cagtgtctct gctgccacag tctttaaagc agtaggaaca tcacacagga aagccggtaa 32880
gatggggaca ttctctaata atgaatggcg ttagtaatgt gggcagaagt gccagaggga 32940
gccgggacca ggcattggca gaaatataca agtgaagctg attcttctc acagaggaag 33000
tggctctgatc cgttacgtag taagtaccct tgaccaaaaca tggcgttggg tagtggacac 33060
actgcacact gtctttggct tcaagatctt aaaggctcctg gaattctttc tgttgaaagt 33120
gtgaggtcat agaccagcag catcagcatc agcatctagg atggtgctag aaatgtagac 33180
cctcatgccc cggcccagcc ccgaacttaa aagtacagtg gatcaagttc cctaagtctc 33240
tgtgcactcg gaacagtgtg ggtgatgtca tagactagat gatagcccag tgtttattca 33300
gagggatgga tcacatgctt gtgtgcacgt gggagcaaac acacacacac acttttacct 33360
atgagtgtca ctgtattaag aactgttccc gggtagaaac ttcttggtct aatcacgtgc 33420
tgggttagaa ttcttaggga agattcaaac agtgagcagc attgaggaat ttacgcccc 33480
gaagtcactg aggtggtttt taatgccttc ctctgggtact gcttgtgcct cagaggaagg 33540
actctgaggg aaccaagggt gggggccttc ccagaagaac atgtctgcat ggggtgaaat 33600
gaaagggaga acagcatgag gctgactctg cagcgtggaa tctctggagc aatgtgaaga 33660
ggtcagaaca ggcagggcct tcccggggaa aatggacacc tctggaggtg aacagaggag 33720
ctgtggaaca gagatagact aagatggtca agaggaacat tctggaaggc cgtggggagt 33780
gtcagtgcct agagctaaat cttccaggct acgtgggact ggtcagctgt tctccacacc 33840

ISPT1010.ST25.txt

tcggagcctt gcttcattgct agggagttca tgtcacacac cgatcagcct cttcttcctt 33900
 ttttctgctg tgcgattttg ctagctctct ctgctgaaaa agaagtgctg tagggacggc 33960
 ttgcacatgt gctgtggcct gagccaaatc acagatttgt gttgttgggt gcttgtgggg 34020
 tccaaaagaa ggtgtctgag aggacacagg agccctaagg agaaacccca gaggccttca 34080
 ggcaacagct taggcatggg gcttacgccc agaccaggg gaaaggcccg aaagaaacgg 34140
 accagggaga aagacgcgct caccggagac atccattaca cctgcccacc acagtaagca 34200
 tgctgtcccc aagtcaactct atctctgctc aaccctgtg attctctcca ccagcccttt 34260
 ctccatccct ccctccctcc tttctttttt tctcccttta acttcttgtc tttagatctc 34320
 caaacaaga tgatctcccc ctccctctg gcaagtttgc cccttgaagc aatggcctag 34380
 agtagaaggt gatcctgctg tcccctctct tgccacttcc ttgatcaaga gagtgttttc 34440
 aatggcttca aattcagtat tcttagagg ctataccctc cgtgtgcca gttcagcgaa 34500
 gccttctgag ctgcaagagg ggcctgttta ttggcatttg gagaaaattg cccaattaca 34560
 acccaatgtg gcatgtgggc tgcgttgaca cagatgtgag agctaagcat gccaaacttcc 34620
 tccatctctg ggggctgctt cctcagggca cgtgacctgt cgccatactc tttccatgag 34680
 atttgaggat taagtcaggc agtaggaatg gataagtgat ccttgtaag tgcaaagcac 34740
 tgccctggt tatttgctag tttcagcagc ggcagcagca gcatttcaat ttgctgatac 34800
 taattaaccc cttagctaga gtctgcacat tggcagagg caggcagtaa agaacatcgg 34860
 aggccagcaa agaacaacac ttagacagac aaatggccac tgctgcttgt tggcccttca 34920
 ttacacgtaa acgtctacaa gtcttctcta gacctccatg tgtgaggaga gggacaacgg 34980
 agagagagct agcttagagt gaggaagag gaattgttga cctgcaagat ggccatcatc 35040
 ccggcactgg cttagagcca aaggcagcct cttcagatgc ttcaaaaaga tctaaggaaa 35100
 agaggaaaggc tgagaggaag gaagcctggg ggcggggcat gtagagccca ggaccaggca 35160
 gaacatgagt ggttggtttt ccttccttct gcagactccc ctgcctcagg agtgaggcta 35220
 cggtgttgc cactcagggt aggggatgta agatggcagg gagttagata catgttacia 35280
 agcagtatgc agtgacagag cctacatcat ggcactgttc acaacagcta agcgttgggg 35340
 accccaactg agcaacatat ggggatcgcc aaatgcattg gggctctctgt tcacacaata 35400
 cgctgtgact ggcttttagg aatattaaga aagaaatctg agcattatac gtaatgttaa 35460
 gtaagaaagt caaggggaaa agccgtacgt tccgtgagag tcctttctgt aagcatctgt 35520
 gtatttccca ggttaccctt gccgagtagg atttgggctg attctcggtt gcatgatgaa 35580
 aggcctcctt ccaagcctag agctgcttgc cagcacactc ctacagagtc cttgaaaata 35640
 catccgagga gttccatcta ctccaccta tccctatttt ctaagcctca gtttctccta 35700
 tctctaaaaat ggacaactgg cagcagctgt tccttcgtgc tgtgaagtga gatttactta 35760
 ctcttaaagt gccttataag gtgttgtgtg tgactcaaat gtaaagtagt attcactaat 35820
 atgctagtgt ttacctattg ccacgggcca ttcagaatgc tgaagcaaaa gccataggcc 35880
 gggaaacttt caaacagcag ggagtcattg cttgtgtgtt tgaagtctgg gcagcaaaga 35940

ISPT1010.ST25.txt

```

tcaaggtttg agcctgatct gttttgttta ttgaggatcc acattctgct tcacacagtg 36000
gggctggtgg aaggtgccag ggatccaact gggccttata ttacccagag agagggctcc 36060
accctcactt tggaggcaag gatttcaaca ttaacttttg agacataaaa ctcagacctg 36120
ggcccttgct agaataaggc taggccaagg acagtttgct acagctactc ctgtgcgtgg 36180
ccagctttcc tagcaggctg gggactccac atgtcctaag gtgatagaag ggtctggggt 36240
cccagatgga ctgcttggtt attaaatctg ttaactgtct ctgggagggt gcctggggca 36300
ggaggctcgt ccgataagca tctccagtcg gccctgtgac agaattgacc attaaagggg 36360
caagtggagt gagccccaga cattaactac tgtcagctct gaacgtagtc caggcctgct 36420
gctctgggga tactgacctc cagagagggt cagcagctgg gggctaaact ccccatgaag 36480
gacggctggg ctgaaaggcc attataagga cttctcattg agacggggca tgagagccta 36540
gccctcatth cagccactcc tccctctgct actctgttgc tggcctcccc ttccaggaca 36600
gagaccacac tcttcataaa ctgtctgttt gtctgagtgc actgctgctt ctctgcctcg 36660
tccaggtctc agttcttctt gagttcttaa ctccgggtct tccattttga ctgacagctt 36720
ttccttccct ttgttttgca tgccctgact gaccactact gccttgggtc agaattgctt 36780
cagaaagtgg ctcatcagaa cattgtctcc atagaccacg ttctcgctag cctttagaaa 36840
ttacctctg agaaattctt gtgagttgtc ttgttctttt gagtgcctcc agttgtggca 36900
aaaaaaaaaa atatatcagt tgagagcaca ttttattctt tccaagaact atgagctgtc 36960
catagcctgg cctagtgact aaaaggggtg gtaagttggg gaacatacat agtcagttgg 37020
aatgatgtca ttgccattaa atgttgtaac tggatttctt ttgtggttcc aacattaatt 37080
cctaaatcac ctacaaaaat gttagagtag cagccgcctc agcaggataa gcctcagcct 37140
tctctgaag tgactcttgt aatggccatc acctttttgt gatactcggt ataaatctct 37200
atgccattgt ttgggtccct tcctgtagct atagcatctg tagagcaatg gccccaccag 37260
ccctaacagt atctgttcag cctatgatag tgactttaaa tctgcttgac atgatggcca 37320
tgacaccgtg tgaggagag ggggagtgca tggtcagatc tcagaggtat ccgaggactt 37380
cctgcttttt gtgatgtata ataatgggtc ctgatgtctg tatcaataag aacgcaagt 37440
atthtgatat gagccaacat tgaaaatggc tgthtttgct aatgacatc agtaacaata 37500
attccaatgt aaacatgggc caaaaacaa aaacactcac tgaggaaaag ccctgcgccc 37560
caagctccat aaacgcaggt tttctttatt cctgagtggt tgagaaaagg ggtaattgta 37620
tttccaacac atccttaatt ccagattaca tacatagtac acccccaaaa tcaacaaaag 37680
ggccctttaa aatcagacag ctttgtccag gtgtgggtgg acacagacct ttaattccag 37740
ctcggaggca aagccaggtg gatctctgat tttgaggcta gcctggtcta cgaagcaagt 37800
tccaggatgg ccaggactat attacagaga aactctgtct cagaaagaaa aaaaaattga 37860
cagctgtgta acaatgggtt gccctgggca cataagaaca gaattgggca ggagtcattg 37920
tgtctcaga taaatcaaat ctaaggctag tccgagctgg gacccagga tccatttttt 37980
gggggggtcg agacagggtt tctctgtgta gccctgggtg tcctggaact cactctctag 38040

```

ISPT1010.ST25.txt

accaggctgg ctggccttga actcagaaat ccacctgcct ctgctgccca agtgctggga 38100
 ttaaaggcat gtgccaccac tgcccggccc caggatctac ttttaaggct tttccagtga 38160
 gcaatcaaga tcaagaactc tgcagaggca tgggttctgc tgtgatttca tcagttgcgc 38220
 aaacaactgc taagcttggg gtccagggac tcttgatttt ctccgggacc ctgagtaatt 38280
 tttcttttta aaatatattat gtatttttat gttggatttt gtgttggttg tttcgctggc 38340
 ctctgtgacc atgtaccatg tccacgcagc acccacaag gaagaagata tcagaatcct 38400
 taggactgga gttacagaca gttgtgagcc accatgtggg tgctgggaat tgaaccccag 38460
 gtatggaaga acagtgtgtg ctcttaacca ctgagccatt tctagcctga agctgctatt 38520
 tctttcacca ggcagctgtt gtctggcagc tccacaagct cactgaagag cccacctcct 38580
 tcctgcttgc cttcacagtg ccctgtgatt tagcgtacgt ttagatccaa ccaacagggt 38640
 ggccaagct ggtttagtga gcctcgcttg acctctcagc cacttaacct tatacggtag 38700
 cagacatctg acttagatac ctgatgactg cagtcacagt aaaagttgag tctgctggag 38760
 acagctaggc ttggacactc gcagatgaga aacaaggatt gggccgagag taggtcactg 38820
 tgaatgagag catcgggacc cactgccaca cttacagtat cacgtgctct ggccaagctt 38880
 tgcctgggtg agttttacct catagtctag gcttctggat cctttgattc tactaattag 38940
 atctaaaata tttggaaga aattatgaat gtggtgaata tatacagtct ttttttctta 39000
 ttatcgcccc ctaaataata cagcataata gctacttata gtgctcacat tctaggacgc 39060
 attgtaagta atcaagtgtt ttaaagtata gatgcagatg tgtgcagggt ccacacaaac 39120
 actacccctt aaggactgga gcatctttga ctttgtcttt gaggggtagc cagtcgtagc 39180
 tgagcgagga acggttacct ctggattgat gcttctggac agtcagttct gttttacctt 39240
 tagcatgctg cttagaagag cttacctcct ttacctggga ttaaatcttt cagaatcatg 39300
 tttgtttccc ctcagggaga gctactgtaa atgaatgtgg aaaagaaaat gctcccaccc 39360
 ctagctgcag tgtggttagga aggactgtgc agtgtggtag ggaggactgt gcagtttggg 39420
 aggaaggact gtgcagtgtg gtagggagga ctgtgcagtg tggtagggag gactgtgcag 39480
 tgtggtaggg agcgtgcaag gctacttgat gttggacttg atcaaacaac acctactgt 39540
 aagtcagctc tacagcaacg ggggctgtgt gcgtcctgcc ttctgtctcc tcccagtctg 39600
 aactccaata ctggccttac tccttgggtc ctaggatgtc cctaaggtta ttgggtgctt 39660
 ttccaaagac agagctgtcc aagccccaag gactgctttg cactgtgtct ttctaagtct 39720
 caagcctcct ccctttccca tgggtgtggat ggggatctga gttgtaggaa ggtctgtaac 39780
 aacactggac atgtcagaac gatccaagag tttccttgct gcatggggag aaattggggg 39840
 gttgggaccc agagaagcta ggattgagac aagtgattta gtctctgtag ctctgtctt 39900
 aaagagttat tatgaaactc aactgcagta aaatatgtaa aatatgtacc taagccgtta 39960
 taagggaac attgttatca ctgcagtta gcagaatcct gcctcactgc ctttgctatt 40020
 agcaggtttg tctctgatcc tctagctaag gactgcaggt gtaggtgacc ccctaactga 40080
 ctgcttactt ctagagaagg aggcttgtgc tgtgaccaca ggggccagca tgggtccccg 40140

ISPT1010.ST25.txt

aggccaactt tgggtgtgtg aaggacaggc agccagaacc acatttaggt ggtgtgtttg 40200
 gaacaccaca tatgatacag gccatctcgt gggaacagga gagggatggg aaccaaggat 40260
 gggaaaggaa cttaggaag aaaaccaacg tggagtaagg aagtaccaag tctctccgaa 40320
 tcaagtattt agggtaggat atctttttaa gagaagccaa tggattctaa tatgtaaatt 40380
 gtgggacaca ttcaataagg ataagcaaaa tgtggtcatt gtaggacca tcttggaaga 40440
 aaagtgttcc aggaaatgaa gcacattgtc ggcttaggaa gatgccaga tataatatgc 40500
 agagccagtc aagatcagcc cgtgtgccat agcctgggcc cctcagacag cctgcttagc 40560
 gaggacggac aggtgccatg ccagagtcca gatgcagctg attctcaggg catcgatgcc 40620
 cagggtagcc agacaatgga tcttcaatct gcccgaatag ttttgattgc cagagaacct 40680
 tctagggatt ctgcacccat tttatcctga taagacatgg agttttcttc ctactttaca 40740
 gatgcaggaa ccagagccca gagaacgtgt tttcttcccc agattgagat gggtagatag 40800
 cactgtggct tcgtacaagc tcgggcttct gttatctgtg ccttcagat aattattctt 40860
 tttcttcagg gttgctaatt aaatgatttc agtgttacag atttttgtct atttttccaa 40920
 gagtcaacat tagacatctc tggactatgt caagattaac taggcaatct aattaaaatc 40980
 aagctagttc tacagtggaa ctggaaaaaa aaggtagcta aagggagtgt acaacatttt 41040
 aaaccaggga cctgcctcag ggtctcggcc atctaaatgt taaaatgttg aagttgcctc 41100
 tttccagcta aggaaaggta ctgcctctta tgcgagtggg aggaggtaat gttttatcac 41160
 tagctctgcc actaattagg taattgctct aagcacagaa cttaaacaaa ttgggtctca 41220
 gtttccaagt ctctgaaatg gagacaatgg ttgcaaggat aaaattagtc agcctgtctg 41280
 ctccctgact ggaagggcct atgtagctcc tggttgtaag accttgggaa aacggcatgg 41340
 tatgttctgg gcctcagtgt tcctatctgt aaattgcaca atgtctaccg agccgtgtca 41400
 gtaagaagag tataacgggg tgatatgtag ttgtcggcgc agtgactgaa cgtgtctgta 41460
 tcagtaagtg tttatgtagc tgaaggagct tagccaaacc cagagctctt atgccaaaga 41520
 gaaccagac tttagctagc ctgttcccca caactcagcc acgggggtag ggggcgcgga 41580
 cgggagagct tgttcttggg atcgttgctg atacacggcc tgtgtgact gcttcacggc 41640
 atagctgctc tggatgttaa caacgacggg atcaggcgct gaccctgctg ctgtccggaa 41700
 gcgtgagggc tgggtgctgag gaggggaatt caggatctcc tacttggaac tcaggagcca 41760
 gagctgtggg actccagtgc agccattcct cctgtgagcc cttaaggat cccaccctaa 41820
 ggagctcagg attgagatat aaaatccagg gaccaataat ggcccttaaa gtctggtaga 41880
 agatgcaaat tctcccaggg gtcaggttct gaggggtgag aagggtggga tagaaataga 41940
 gaggtgtggg gtttctgaga gctgaaaggc aggggaagggg gagaaagga gacaaggaaa 42000
 gccaaaggga gaggggacaa gaaaacccat ttccctcttt cacaacttct cacaaggttc 42060
 tgcctgacca tccatgttat gtggctcttc ctgcagctctg gtatccaatg gctaaccat 42120
 ctgggggcct agatggcctg caaatgaagt gagctctgac gtcgaaaacg tcgaaacagg 42180
 gcctctgcct caaatccgca cggggatgag aggcattgcca gcattccagg aatccccaag 42240

ISPT1010.ST25.txt

tagtgatggt	ctgtccagat	aacgacatgc	tcaaagacag	gcagaaagga	gagcaacccc	42300
taggactggc	aacctcagag	ggtaagggtg	catgagccag	cctggagcta	attggaagaa	42360
ggccttgaaa	gccacaaaagc	acactggaca	tctacagaag	caaataccaa	gttagtttct	42420
ttattaaaca	agcaatatat	gttattttata	gaaaacacag	gaaaatatcg	ataaccactt	42480
ggtaggccag	ggagggcgag	ctccctaact	aacccatta	ctctgcaact	cttactaatg	42540
gctaagtgcc	tagactctgg	ggttgccctg	ccaggggcag	agttcaccta	ccagctggca	42600
gtcacgggtg	aattacttag	cctccgtggg	cctgttttct	tatctgtata	ttggagatgc	42660
taacagcagc	tactctcaca	acaattttgtg	aaattttaag	atgctaacac	tgtactgtct	42720
gaaagagtag	ctgaactgta	tcaaaaaacc	tgtcaccatg	acgctgtgac	catcgtaaaa	42780
atgtttgcta	cttaactgca	ctccctgtgt	agcacacagg	aagtgtgtg	tgggacctgc	42840
acagtgtttt	gaggacatga	ttgccctctg	ttgcggatag	gttgtctttt	catggacaga	42900
ttgttgctaa	tgtttcttta	tagtggaatg	tgcccaggac	taaaagtttc	acataaataa	42960
atggtcacag	tatgtcctca	cagttactgg	ttactgatgc	gacacttagg	cagcttcatg	43020
gtagaatctg	acgagttagc	aggcagatac	tctgactttt	aaacttaccc	gtgttagtac	43080
gtgatatgga	ctttgtacga	agaccgtggt	tcttttaggat	ctctggaaag	aggcaggttt	43140
gggtgtcagt	ttgtcctttc	cttcccatc	tgcaacaaag	aagagtcagt	ctggcacctc	43200
aggctggcaa	ggatggcacc	cactgcagct	accacccttg	gaggtctttg	cttctggatt	43260
gcaaatggag	gcgtgttgtc	cgccctcatgt	tctcttggcc	ttactgatg	tctccagact	43320
ctaacctgtc	gtctctcaga	tcagaaacag	ggtcttaggt	aagccagggc	tggctcgacc	43380
gtagcttctt	cgcccttctc	tttccattgg	tgccctttga	ccctgtcctc	aaactttggt	43440
cattagttta	attaaatctt	tgctaacgct	accacagtga	agcccagttc	tggctcctgc	43500
aagaatacag	aagaaagcaa	tttgagaaga	caccaatgcg	caaaagcaga	gtcaatacca	43560
aaaggtggct	tgctcatagc	tcccctgggc	tgagccagat	gggttcagtg	ggagaattga	43620
ctcactgtgg	gggtgagtgg	gtcactaccg	agagtgtgaa	tggatgacgt	ccacattcca	43680
ggactaaccc	ctcgtttctt	catgtaggag	cagctcagag	ctgaggaagg	agaaatcccc	43740
tgatgcccg	aggtgccggc	gcagcaagga	gacggaggtc	ttctatgagt	tggctcatga	43800
gttgccccctg	cctcacagtg	tgagctccca	cctggacaaa	gcctccatca	tgcgcctggc	43860
catcagcttc	cttcggacac	ataagctcct	gtcctcaggt	aaggcttgac	aggtcctgcc	43920
ccaagctggc	atctacctag	gcctcgctcc	aagacacatc	tacaaatatc	cactcacaga	43980
agctggcaca	tggccttttag	tgttacattt	atttagattgc	gtgtgagggg	atgcatgtgg	44040
gtcagaggac	agcctttggg	agtcatttct	gttctcttct	tccatcatct	gggatctggg	44100
acttgaactt	gggtcctcag	gcttagcagc	aaatgcctct	agccactgga	ccttcttgct	44160
ggcctgttc	cttcatttta	gcattctccc	tctggcaatg	atcttctcat	gagttcaccc	44220
agggaagaga	ccaaggacag	actcaagtga	gagtgtgagg	tgctcccaga	gagtgtgagg	44280
tgctcccaga	gagtgtgagg	tgctccaagg	ggttggagag	ccgagagcag	cttctcctgg	44340

ISPT1010.ST25.txt

aagcccatcc agtacctctg gacctctggc gagagtcccc ctccacactg tgttgactct 44400
gcaggaagcc ttttatcctt gtcttccagc tacatctcta ggacatcaga aatggtgatg 44460
tccttctgtga tctatctctc agaaccttgg tttccttgcc taaaaactgg aattagccag 44520
gcatactgcc tgggaggata ggggtaggaa atgggggggg gggattatta gggcactata 44580
ggaatgagtg gagacagcgg ctacagctgta ttctgttctg ctgggctagc ccccgccata 44640
gaggacagcc tcgggcacct ctccctgctc agccgatgcg ttcttctttc ccgcatactt 44700
cttcaccaac aaacagttca taacgaatgc tttctttcct ttgtcagagt tacatccctc 44760
aaaaatcatt tcctgttagg cctcaccagg aagaggcagc ctgggggttt cactttcaca 44820
tcctatgtgc agtcttgtca gacttatcag ttctgtaagg aaactgggca gcatatagct 44880
gccaggctgg cactacagca gggcagtgtc cgaggcatga gcaagggagg caggcaggca 44940
agggggaaaag agatcccgtg gctcattttg agttttcctg agtgagtgtg tcactctgga 45000
gatgactcct tacatggcta ttctgggaaa gagccccctg cacagagggg tccagaatga 45060
ggcggggaag ccagactagc ctgtgctatt ctggggccct gtgcacagga aggatatatg 45120
ggaaagacct tcggaggtta gaatggctgc tcatcccatc gtccctcctt aacccccagg 45180
ctggaggcta agcctgggct gcaaggctga ggtgaccgtg ctgttacaga aatgagcaga 45240
gagtggagaa agcaagggcg gagccgctgc acacacagca gggcaacagc aattactcag 45300
atthagacgg tgaaaatggt tgagggaagc tcaggctaag gacttgtaaa gcctggactg 45360
ctaaataaaa aggagactc ggaggtgtct caccatgcc ccatgcatgc cttcatttta 45420
cagaggattg tcctcttgga gaaatgagga cgacagttcg gtgatttgta ggattttgca 45480
aagcctgtca ggcaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaagaaa tgtagataag 45540
gggcagggag ccaatgtcca agtgaagcag ctagagcctg accaggacta gccaggagca 45600
gtgggtggcc aggaggttct gagagctgtg tcttgctgcc gtagcaggga cacattgtct 45660
gtgctcgccc acacagaagc ctgtgtgtct tcctcgatgg gtcgagggtt atttgagag 45720
ggcttggtta gggttggtc ttccgagctt atctgccctc atgtgtcctg gtgcaacccc 45780
tcccgactc caggtactac acaaagccac agatacaaga gcagacacca cacggagcag 45840
acatctcagg agctctgagc cttgagaaca aggactgcct actctctaga cagcataagc 45900
acggacagac cagaacctt ggcgcgctcag ctatggggct ccaggcctg aagaaagaaa 45960
agttagagat tgataaaca gttttggtca tctggtcctg gtgaccttaa agaagtgtc 46020
ctgagtccag ccacggaagg agatgtggct tagttctcct tctctgccat ttctccaggc 46080
tcctaccagg cactctcggg actggttatt tccagaaatg gaatgtaaaa tgagcctttt 46140
cctccccacc caccctttgt tttagtgtgt gcatgcgtgc tctggagagg ttagggaaga 46200
gcgtcgaagt cttgcttaaa gacttcaacc tcccttcttt tagacaggac ctctcgctcg 46260
actcgaagct cagattttta gctaggttgg ctggctggca aactcacagg atcctgactg 46320
tgcaggtcaa cattgggggt ccgggcacac acagccaacc tgtcaatgcc gaggactcga 46380
actcacatct tcatgcctgg gcagccagtg ctcttatgca cttagccacc caagtggctc 46440

ISPT1010.ST25.txt

attgttttaa attttcacct attatatgca tgtgtttgtg gaggggagga aaggacaact 46500
 tttgggagtt gattctccct cccaccatg gatagggttc caaccaagtt gtcagggtctg 46560
 aatagaaggc ctttttacct gctaagccat cgtttcaacc ctgaaccata ggtctttatg 46620
 ttttgttttt gttggtagt tggtttggg gttgtgtttg tttgtttgtt tgtttgttgt 46680
 ttgttttttg agacagggtt tctctgtata gccctggctg tcctggaact cactctgtag 46740
 accaggctgg cctcgaaact agaaatctgc ctgtctctgc ctcgcaagtg ctgtgggttt 46800
 tttgtttgtt tgtttgtttg tttgttttat gtgacaaaaa gtttagagga tctttgagca 46860
 gatatactcc tgcactttgc ttattgggtg tgctgccatc tctctcagaa acattgtaca 46920
 cagctctatc tcattggacc gcagagtcca tgaacattg ttggatgata tgaaagtcta 46980
 gcctgttgta caagttatag ctttgaagta agtctaacaa aagaaacgat gtaagagaaa 47040
 aatcagagcg aactctaag tctttggacc caccttttag cagttacgtg ttacagtgtt 47100
 acaacatata ctttcccaac tcaaaacaaa ctacagactc attacttagg caagtggagt 47160
 tttgtatacc tcagagttca aacgcctaaa aaataaccagg cttagcgtta gggccagttt 47220
 cttctttact tagcagcaca cttcctttga ttttcacagt aggctgcagt gtgtgggaat 47280
 gttggggagg aagcctccgc gctgagaact ccaggctgag tcgggccaca gttgagattc 47340
 atatcacagg aaacaaaccg aaacaatagc tttacgatac ttgcttccac actggcccag 47400
 gaggacagaa cacactgtgg cgggaacatg ggtggaaata tcacttgatt gtcttaaata 47460
 cagatgaacc ctgcgctctg gggctgaagt ggagtcgctt ctgcgtccca agagctttag 47520
 accgcagtaa atgtatagaa tgtgcattcg cccaattct gatttgaggc ttcccagact 47580
 catatgtaaa aaaatcaaat tctcattact gcagagttgg agatcagcac aaagccaggt 47640
 ttctagacat aaatgtcaag tttatttttg attattttga tttgaatttg tttatgtttt 47700
 attcctggca tttgcctagt gaagtcacac agtctgctca ggatatgatt ctccgatccc 47760
 tgagacatta aaatccagga catggtttta aagctttcac catgacttct caggaaaagt 47820
 gggacaaaagg ggacagaatt acagcagcag atgtgatttc tgtgccctcc tatgccttgt 47880
 ggtaagacct gttttccctg gttttcagcc caattgtttt actgtccac ctccccggc 47940
 cccacctata ctcaaatca aggccttttc tgtcctgttt ggaaggaggc cagtaagatg 48000
 attcatgcca ggatgttact ggctgagagc agccagcggc cccttcaaga aagtctaacc 48060
 ttgcttatag cattctctta aagcaaagag tctggccagt cagcgacagt cactgactgt 48120
 agcgccccat agcattttat gaaggctagc gcagcaagca aggggtgggg agcagggtgtg 48180
 aaaagaacaa aataaaaaatc tccaatgctg gacttgtggg gcacaccagg agagcagcag 48240
 caaggccagc tgagatctat cactctgcag aaagtgtgag atagccccag cctgctcaca 48300
 gtgcggcata aggcacagta agtggcccac actctttatg tttgccgtca gtatgcccg 48360
 aagacgcgtg cacagccttt gaaaggaaag accctgcgga gataactaag tagcaagcac 48420
 cagggaagta ggaaacctgt atcggagctt gttaggaaca aggagtttct tgaagatgga 48480
 aacatctaga aggatcatcc ggggtgaagta agaaagcagc agccttacgg ctggcacagc 48540

ISPT1010.ST25.txt

caggcctcaa agaccagtt agaagccacc tgctctgcc cctgctagtt cacacaaggc 48600
 aagtggctct accatactgg tgtgccaccc aacatgggcg gtgctgccta aaggaaatga 48660
 gcagtgtctc ggaaaaggcc ctccacagcc ttctcagcgg cacatatcct ggcggtggga 48720
 gccatcaaag cctgtttact ggggctatth ttagcatthaa agaatttctgt ggtccttctc 48780
 aaaggagaca gttcgtctat accagttctt tgagattcga accctgacag attctgggaa 48840
 gcaaatggcc aggatgtaga acctgagcta tttagaccac ccagcccagt tccttagcaa 48900
 gcacctactt tattttgtac caatggtttg ctctccgttg ttatcagcat ccccaggagg 48960
 ggcttaggct cttcgacaga tgtcttcctg gcagtttggt ggttcctgaa ttgcaccctt 49020
 ccttgtagta tccccagctc tccctgagac aggactgagt gtgtaatgag tgctgtgagc 49080
 cagggaagcc atggagggaa agccttagta actgcaggga gggagggagg tctggtgtgc 49140
 gcagccgccca ggcatagcag tttttagcag aattgtgaca ggaggctcag ggctctgggt 49200
 gcagcagggg gatgtctgcc tccctcttgg ctgggagtgga cctagccaag ttccttcaga 49260
 gactcccagg aggacaagca ggtgctaaaa gagcaaatag ttccactgaa ggaaggggcc 49320
 acaccaagc tgggctgtct tagggctcga gggaaggggt gggggagggt gctattggcc 49380
 attgtgactt cagtctcaag atgttccatg tctgtggccc cagacacctt tctccctcct 49440
 ctctaaaggg cagtccacct gccactgtag ccaatttcgc cacctcctgg aagtaagcgt 49500
 gctggacagt tcggaaaggc cgcttggtgt tgccggggcct gttaaaaaca ggaaacttta 49560
 agcagaacta ttttctctgg gtctagthaa ccccgatagg ttgtcttggg attactccag 49620
 attttgaagt cagtgttgcc actgagatca aagaagctga agtgaaaata aattctcagt 49680
 aggcctcagc actagcctct gtctgtctgg agaaagtagc cacctcgcct tataacccaa 49740
 atgcagctga aaccttctcc gggcatgttt ccgggggtcag gcaccctttg cccagactgg 49800
 ctggttttcc tgacgtgggg gatagtcttc agcacgtggt ctctggagcg acagctttga 49860
 caccctctga acactttttg ttgatgttgt tgttgttgtt aaaggaagaa aaggcacttt 49920
 ttcagcttcc ctgaattagg aaggaagcct gggaggagggt agaaccttcc agcaccaccc 49980
 tgggtggggg gcggcctcct cgtactagcc aggtcttggg ctctgagctc agcttaaaatt 50040
 ttcagcagag ggttccacgt ttttattttt ctttgacaaa atcccgaag ttgcatagca 50100
 gtctgtggcc cgccagaggt cctggccac ccaactcagcc ttggctagac ttgaactcac 50160
 tatgtagacc aagatggcct ggaattcaca gagatctacc tgcctctgcc tcctgatagc 50220
 tgggattaaa gacctgtctt aacacacctg gttaaatcca gatttctaaa gcacacacat 50280
 atttgacatt aaataatgaa caagaagagg gcatagcctg tggctctgagg ataacagcca 50340
 ggagccggaa caagagctga gcttagattg cagagggtgga cttggtagtc caggacacac 50400
 agagtgcagt gttgggggta gagttcccc acaacgcccc ctagtgtctg cctcttgtcc 50460
 ctacaggctt tgtgcctcta agttccattc tctttcgact attctatgtg ctatctatcc 50520
 ccggacttat gtcccaaag tgggtgctctg agaagccacc tctctgcccc ttgactggaa 50580
 gagaagcttt gggacactgg gctcccttat tgtcccagtc tctgatattg ggccatggat 50640

ISPT1010.ST25.txt

cttctgcctc tagctggcct cttgtctgtc ctgggaggaa ggctgtctgt gtgtcctgca 50700
 gtggtggccc aatcctgtcc agttgcctga cagacctctc tttccatact catgtgaact 50760
 cacattccag gtgaattagc aaattgctct ttctaactct atgaagaatg gagctggaat 50820
 tttgctgggg attgtgttga atctgtagaa tgctttcggc aagatggcca ttctcactat 50880
 cttaatcctg ccaatccatg agtgtgggag atatttcatg tttcctctcc atcctatgtc 50940
 ttctttttta gagtcatctc tcctctgact gctggagctt gtgctctctg tacccttct 51000
 ttggtacccc atggtaatgt gcgtgagggc ttatttagct ttgtgagggt gtgagccacg 51060
 aactcgccac cttggctctg atttgagata gtaatggtgt cttagaggag ggagcagatg 51120
 aggtagagct tgtagtcgtt gatatacatt taagcagtta atttacttaa cttacaatt 51180
 catgaagatg ggaatcgcta tcctggtttg ctggtggagg actccagcgt tcaatcgtta 51240
 cccaaagtca taagcaagtg ggaagcagat gtaggaatag atacaacatt tgactccgaa 51300
 gcttgtgagg tgggtgaacg tggccctgca cttagctcct ggggcttcc aacattctag 51360
 acatcatagc ctttgaaaa atggcttgac tcagaagtct tgcactataa aatgagactg 51420
 caaatggtac atgccttctg cgttattgaa aagccaatgt agagtgttta atgctgggtc 51480
 tgtctgtggt tgatgttcca cttacgttag cagctaaaaa aactgctgct gctgctgcga 51540
 ggtctagcat tctatctgta gcctctaccc ccagccttcc tattggtaca gcaaattctg 51600
 ctaccacaga aaccacgctg tcccacagtc attgtcaatg tggcctgggt gttccaccag 51660
 gcatgtggca aatgttagat gggtggtagt gtgcctttcc ctgtgccctg gagccatgcc 51720
 tgtccctcg gtcatgtctg ttttaacact cgtgccctg ttgttcattc ccctctctct 51780
 ccagtctgct ctgaaaatga atctgaagct gaggccgacc agcaaatgga taacttgtag 51840
 ctgaaagcct tggagggttt cattgctgtg gtgacccaag acggtgacat gatctttctg 51900
 tcggaaaaca tcagcaagtt catgggactt actcaggtga caccctctgc ctcgttcagt 51960
 agggaaaaaca tgtctttatt tggggataga cactaacggg gggtcctagg catagtctta 52020
 cttgactttt ctttatgcat tcccatatga tgatgacagt ccttaggact tcccaatgtc 52080
 atggggcttg acattccttg tggtgccct gacaggtctc ttctagctag attaaacttg 52140
 caaaagtata aatcaagccc ttgttgccat caacattgct ctgatacgtc tgtaagtcca 52200
 tagaccaat attgactgga gactattgat aaccaactcag ttcattcccc tgctgtctc 52260
 tgaatgcaga cattatccta gcttctctt ggagtcgaa tgacttcac actaggagta 52320
 acagcatctg gccttgcttt tgaaacaggt agaactaaca ggacacagca tctttgactt 52380
 cactcatcct tgcgaccatg aggagatccg tgagaacctg actctcaaaa acggtaaagt 52440
 gttcttcttt gtttgcatc ttctcatgac ccccaaagcc tgcacaaata gcccaaatgg 52500
 attatgttcc atagatacag ttggactagc ttctgggtga gtatgcagct gttgagatga 52560
 ggcccagcac atagaatagc tcctaattgc ccatccatga tgcctgatgt cactacga 52620
 ggtcagggtg ccatctctag gacatttcat catcaactga gatcaatcat ctccgccaag 52680
 cgacaccacc caaaccaata gcttcatcta tgctgatta tttatgggag ctacaggtgc 52740

ISPT1010.ST25.txt

cttttgtcgt gtatcaagcc acccaacaca caggcttaag caatctccca catttctggg 52800
 gattctgtgg gcaggtctct agctcaatgt gacatcagct ggattgcagc catcaggggc 52860
 taaactaggt tgaagtgatt aagatggctc acctgggtgtg ctgctgggac agtgaccaca 52920
 gctctcagtc tatggagcct cccggtagcc ttcttcatat gaagactcca gagcaacat 52980
 cttgtatgac agctcaggcc atgcatcttc cttctccctt gtaaagtgca gctgcagaag 53040
 cctacagacc atcctaggcc ctagccctga aataggcatg tcaccacttc taaccctatt 53100
 cggctggcga gggaaagggt caggcttgcc ctgtgtctca ggtccgtgtc aagaggcatg 53160
 gcccttagga ttaccactga agagcagcta tgacgggaat gtggagattt tcagaagaac 53220
 taaaactttg gtgctggaga gctggctctg tgggtaagaa tactggctat tcttctgagg 53280
 acctaaagtg acctcccagg ttctttgact ggtggtaggt cacaactcca gcttcagggg 53340
 gatccagggt cctcccctaa cctctgcagg tatctgcaca aatatgccc aaacacaaa 53400
 ggtacaaaact tcagcaaadc ttccaaacc acacgaaagg agccatcgct gtaggcagca 53460
 gtggcttcca atgactgggt agatcctctt gaacttgaga atctatcacc agtctggaca 53520
 gactgcccac atcaacatct tgtaaactctg tcacctgtca ctactatggg gtgtgtgctc 53580
 atccaacctg aatagcaaag gcagtgatgc cagcctgctg aggcgtgttc tcgttgcctt 53640
 gtgtgctgca aaaggggagg ctttgttggc tcacctctcc tgttgggtaca gactactgta 53700
 atccacactc agacttacaa agctttgtaa aattataacc acctcccttt ccaatgctgc 53760
 cccagcctct catctgcatt gctgcttccat atccaaagac cttggtcaac tggcttccag 53820
 agtacatagg ctggggacca ccatgagttt atttgtcttg cctgtggtgc caagaaaccc 53880
 taggctaagc caccacacac atagaatgat tggttcttga tggggaagg gctattgatc 53940
 acagacctgc gccaccatac ttggctttca gaagcacttc ctaaatcggt gtctctcggt 54000
 gcttctcttc tagagaacac tgctccctgg gttctttgtc tcaactcaac tgctgaccaa 54060
 aacctttgtt tgagcatctg tgagctgaac taagaatctc actcctgtgc tgttcaaagt 54120
 ctttcttttc aaatcgatgg caaaagatga ggccaaatct aggatctttt tgcttttagg 54180
 tttctctgac tcatagctga gtgtcctcca cttatctgag gaaaactcag gtctttagat 54240
 tcatgaatgg ggatttgaga tcaagcagac tcagccaatc agcaagtcct tgctgaagg 54300
 ttgaggtgc atagactcat ggtctaaaag caaggggtcc gtgtggattc ctggaagaag 54360
 aaaaggttgg gagacgggct gtggaatgct ttgatggtga gtggaaagcc tcaaactggg 54420
 tcctgcaaac agtcaaaggc tgttgaagat gtttaagctg aggtgatact atcagatgtc 54480
 agaatgggga gactccagt attagcaagt taggagccca caattacaac ccagactatt 54540
 aatcacaaat gaatattgag ctccctcatt cctaaatcct ggggggggct ctctcagtac 54600
 agttataact catcatatac aaactccacc taataactaa aattataaga agcctaatta 54660
 tgggagagac agtttataag aacaacattc aagctgtcac ttaatgggtt ctgcagaaga 54720
 tgtttaaatc cagttcaagg atgccagttc ttttgatata cagctgtttt agactgtgtc 54780
 ggtcaaatca atgttcctta gaggtgtggg tgcagagggt ggcagcttct cttagagcag 54840

ISPT1010.ST25.txt

tgtgactact tgttggaag ttctgaattg ctctgtgatg ctgggcctgt ggaggccaag 54900
 gatgaagatg gcggtgtagc cacagtttag acaccgttg actcatgttt tctgttctgc 54960
 ataacaagaa gcagaaaacc tggacaggct ttggagattt gtactaaagg aaagaagccg 55020
 tatgttcctt gtctcgggtga tttatttaat cctaaatgaa aggtcatcta attgatcttt 55080
 atcaagaaca tcgttaagat agacttgtct acccagttcc agttaaaaac aaggggtgtg 55140
 tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg agtgtgtatg tgtgagtgtg tgagtgtgtg 55200
 tgtgtgttca ttcccctccc ctcccctcct tgacatgtgt caccttagga ggaaactgat 55260
 gaatggtaca ttatccaaag catagtcatt cgaggattca ggtaggatat tggttgctca 55320
 cattcctgag agacaggcta gcgagagcag agaggagtgt ccaaggataa ttctaactag 55380
 acagacttat gtccttgag caaccatggt cactctcagg tttcctgcta gagacccaag 55440
 gcctgactgg ggagagacat ctaaaactgt ggtgtagcct cacagctctc aggtgacaaa 55500
 caggtacagt gtgtagcaaa catggcacag ctccctgcct ccaggccttc ctgctcctgg 55560
 gaatgcagtc acacaggagc ttctactcag ccatcctcca agaaatctaa cttctgcagg 55620
 ggagcagctt tctcccagga gtccctccac tgtgagtctc caccaacctg gtgttagctc 55680
 atagtccttg ggtgggactg gccatcacta gaagttttgt aaaaaacctt ccttgacata 55740
 tttctgtcct ctagttctga ccacaattga gccaggactc aaggcacagc aacaaaggga 55800
 caccattagt atttaagcca tgagggcctc tctgccatg gcaggctaca cgactctac 55860
 taaaaaccac aggagacaca aatacaagtt gccagaaac attgtaattt ggattaattt 55920
 aactggctcc cagcccttc ccactcagg ctctggtttt gggaagaaga gcaaagacgt 55980
 gtccaccgag cgtgacttct tcatgaggat gaagtgcacg gtcaccaaca gagccggac 56040
 tgtcaacctc aagtcggcca cctggaaggt aggattcgtg gagtctcaag aaagagccag 56100
 gagcaggagg tgccctgagg ctctccctct tctcgccgt ctcgcccttg tcttacttct 56160
 gtgctttgac ccaggtcct gcactgcacc gggcaagtga gagtctacaa caactgcccc 56220
 cctcacagta gcctctgtgg ctccaaggag cccctgctgt cctgccttat catcatgtgt 56280
 gagccaatcc agcaccatc ccacatggac atccccctgg acagcaagac tttcctgagc 56340
 cgccacagca tggacatgaa gttcacctac tgtgacgaca ggtggggtgt tgggacagg 56400
 tgggtcttac cagtgtgcat ctgtgagagt gtgacagcg agggacggga ctaggacatg 56460
 gtgtgggact gctggctgca agtttgtaga aggtagcctc cttccatgtg aagacttta 56520
 aatgaagaga gctaggttag actctaacc tcagttccaa agcaactgga cgttctcttg 56580
 ggagtggggg gcacagaaac aataaagact gtggacttgg actagagaac ctacagagat 56640
 catctgtggt cagtgtaggc tgctgttctt accttcatta aaggggagac cacagagggt 56700
 gcacaggaag gcatgctgtg tggttgtcag tacatgcaag gtttgtatag actacaccac 56760
 agttcctatc cacttgtgct gctgctgttg ggatggagat gtggaggaca acggtgagaa 56820
 cgagttgtga tgtgcagtgg cttgcaccag ggtgaggga gccaggtgag aggtgcact 56880
 gggcgtgcat gcctagcctg agtgaaaggc atcactcact gtgcctgact acttcacca 56940

ISPT1010.ST25.txt

tcgtaagctc agctctgccg tgtctctctg agcagaagat agatcggagg tacgccctct 57000
 gcagttttca gagagacccc gaaagtcccc gtgccagatc catgacaccg gctttgaggt 57060
 gcagtggcac ttgggatgct tgtgcagaaa cccaggagtg gtcagggatg tgggtgacag 57120
 gagggagtgt ctctgaagca ggaaaaccaa accctcacct gccatctcct gaaagcagaa 57180
 aagagactgt aaaaaggagc tggcagggtga gggaactatc tcccagaaag gttcatttgc 57240
 tgttaatttc cattcattat tgtgggttga gtgggtttca ggtaaaaggg ctagccttgg 57300
 gtttaaggga gaaggggaca gtcacaagaa atgggcagcc taaagggaca aagatgccat 57360
 gtgcacgcac acagaggtac catggtgacg tccttaggtt ggctcagtac ggcgggtggg 57420
 gtggggttca tactcacagg aaggatcctg ggatttagag atgtggctcg tcgtgcacag 57480
 ggagatgccg cttagggttg cttaggacac acagtatttt cagcatactc ttgccttcca 57540
 aggaagctga ttgcatggcc ggcccaacgt gaattctgtt ctgctaggga gccgactgca 57600
 gagggatgca aacacagagt gccccacgga gcgtttaacc gattagcaga ttagttaacc 57660
 agggtagaga taggacagtt agtgaagggg ctattttaag tgtttaatcc cttggtgtta 57720
 tttctcgatt gctttgggtt gggggagagg cttgttctgt ttgcatgtgt tgagatgtgg 57780
 agcagtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt aagaggggaa gggagagaga 57840
 gagagagaga gagagagaga gagagagaga atacatacac taacatgacc ttctgagaga 57900
 tgtgctctaa atccagagcc tacatgtgag agccagtgtg gagcagggct cccccatttt 57960
 actcagtga tttttggtt tgggtgacatc tgacacaaag gggattgtgt cccctaacag 58020
 aagcagggaa agaacttgaa gagaggaatt ttgagtccac aatcagattt gagcgagttt 58080
 gatactttcc tctgattatg cttgtatgtg tgtgatatgt ttctatatat gaatatatgt 58140
 atatatgtat atgtatttga ttattaatta tgagtcagtg aatactttaa accctccaat 58200
 agtgtctgtc attttcatat atgtataggg cacagttatg gcttagacag tattgcttat 58260
 ctgaaaatct tggaactaaa ctcgtttctc attttctgagt ttgggggaaa ttttgcgtaa 58320
 actgtcctca agtgaatcta gaaattcaac atccaaactg ctctagaatc tgaagttttt 58380
 aagtgaatg taggcacact ttgggcatca gattttcaga tgaagagtgc ccgcctgtgg 58440
 actgctgtgg ctctggcaac aggagtcttc acttgcttgg ccaggcaaaa gaaaaatctc 58500
 gtcttcctct agccccacc ctctcaaggc tggcccatga tttgcagcaa tcctcctgcc 58560
 ccagcatcct gagtgtgag gatgtcttta ttgtccgagt aattaatgtc ctctctgtct 58620
 gtgcactcaa acataaaagt tgcagtctgt ctgtttccta acattcttag ggactaatcc 58680
 atgagctgtc actggggaac agctgccata aactgttgtg tcacggggga aagaaacaag 58740
 tcctggtgcc tgagggtttg ggcttgagat ccgagcagct tagtgaaacc acagggaatt 58800
 tgtaggacag aacagaacgt gccattcatc ctggaggaag acccaagcca ttctgaaatc 58860
 ctttaaaagg gttgggtttt taaattcacg tgagatgcca tctagtggcc aaatagaata 58920
 actgtgaagg aagccaactc atcaagatga ggttttctta gaaaaatcac atgtaatctc 58980
 agtgtgattt tgtgagctct ctgtaacttt gaaagatgta tgaaaattat agtaagcatt 59040

ISPT1010.ST25.txt

taaaactcat	aagtaaaacc	atttaaagaa	taaaccacac	aaaaagaatt	tgagagcacc	59100
atgttccatc	aaaacaatac	aggacatagc	caagagttag	gtttgtaagt	taggaagact	59160
tgtgtataat	gctcctgcag	agaccccacc	ccatacacat	aattacagct	acctgtagct	59220
ctacttacag	ggacttgggc	ctctggcctc	tgagggcaca	cgtacacggg	cacaaacacg	59280
tgcgccata	tgcatatg	cacacacgtg	ttatcacgca	cacgtactta	aatctttggg	59340
gaaaaagatg	tatggtggat	tcattcaaag	aacttaggaa	cagtaagaca	gcttgagtga	59400
gagaaggctt	gagggccatg	gaaagaatgt	ccgtgaagtc	ctgggctgct	gagatggctc	59460
agcaaataga	ggaacttgcc	gccaaagcctg	ggaaaccgag	tttgaccccc	agaaccagta	59520
tggaacagagc	tgatttgctg	acttcacaag	tagtcctctg	accacacaca	cacacacaca	59580
cacacacaca	ctatggcatg	tacactcaca	caaataaatg	cattttttaa	gaggaaatta	59640
taaagaacca	taaagtgtga	ggccaggcgt	gtgtgaagac	agctagaagg	tgtgtcaagt	59700
ccaagagtaa	agcagactgg	tttaagcaaa	ttcgttgtaa	aataatatgt	tcccttttgc	59760
acattggaga	tgattaataa	actttgctgc	tttttgtaat	gggtggatc	gccttaattt	59820
caggggtgatc	ttttgcaagc	accgtgaatg	tattttgggc	tcatatataa	ttgattccaa	59880
gtgcttttagc	aggcctgtac	attgcctttc	tccagacatc	tcagttaggg	gttatccaat	59940
gcttcttttag	atcctgaagt	tagactctaa	cgtgctctgc	gtgtccttat	gtccgctcag	60000
ctgacagtat	tctggaatca	gccctagcca	tgtttgtaat	tgtaataaca	actactcaca	60060
tgttgtcctg	aaacacctgg	tctgttgga	atgctctgca	gactccctgt	agtttatatc	60120
agagtttatt	gcatgatggg	gttcctacca	cggattagtc	acttctcaca	ttccttctca	60180
ctgttggggg	ttttgtcgac	ggagctgggt	gcatgcagga	tagcactggg	ccaggctacc	60240
ttctgggtgta	taacttcacc	ctaccaacaa	cacatctcac	agagaccata	gatcccatag	60300
agaactgtta	accatagagc	tggggtatag	acttcatata	actgggcagt	attcgggggtg	60360
tgtgtgcaag	acttaagggc	tgttgcttga	agcaagtctg	gccagataa	aaatatatta	60420
aaatgattag	gtcttgaaat	ctgagtagtg	aataatctag	atatcattaa	agaaatgcac	60480
tgccagtgtc	tataaatata	cagaaaataa	aaaccaagtg	tctgggggtc	gttaaagcac	60540
acaaggaaag	agccagtgag	aatacacatt	gattaatgat	agcgttcttg	ggaaggcaag	60600
tacgtggcta	aaaagtgtc	agtactttca	tcttcacgca	gagttcagat	actccctaga	60660
cactgtgttt	acatgattaa	ctcagcaaac	cctgggcctc	tgaagggagg	gagcagcgat	60720
agaattggca	ctagggggct	gcagcctggg	agggatggca	tgtggctgat	tctgctgtct	60780
ctagagggga	cagcatgcag	aagaccattt	ccttcctgac	cattccatat	aacacaccta	60840
cacgtgtctt	taacatgcc	cacttcattc	tgtgtgtgtt	tgtatataca	tgcttatatg	60900
ggctcccttg	gtctgcctgc	atgcttctga	aggtcagata	tcagcactgg	gtgtcttctc	60960
cttccattct	ctactttgtt	tttttgagac	aggctcttgc	aatgagctca	gaacttactg	61020
ttttggctaa	agtaactgat	cagcaagctc	ttgggatctg	cctgctatgc	cactgccatc	61080
cactggcccc	accactggc	tccaccact	ggccccaccc	actggcccc	agcatttgcc	61140

ISPT1010.ST25.txt

ccaccactg gccagcact gggcttgag acatcttctg ccatgcagca ggctgaggct 61200
ggggatctga actcagatct ttatgcttgg atagtgcagca ctttgagcca tttcctcact 61260
cgtgcttgta gactatctcc agaacaaaga gcagttgtgg acagtgaata aatcacctca 61320
gattttacct tcacgcctca ctctgaaggc caaagccaga gtctgggtctg acttcagaac 61380
aaagataccc ttcttccatt cattgtctgt ttctctctct tcttctctct ctgcctcctc 61440
ataggcttgc tccgtcctct ttggagtctc acttctttat ctgcttggtta ttaaagcatg 61500
cactcgggtcc ccagctttga aatccgacag atctttttac gtttccccct cctctcgtgc 61560
agtctcgagt tgacttttaa gtttacgggt gaccccaaat gattcttctt ccagcgagtc 61620
aaggatctct aattatgaag agcaaagtgg tccctctccc ctgatggaga gcacggatgg 61680
cactcttata tgccgcagcc agggaaatga gcagggaagg ccccgggggc cataacagcg 61740
agtctataaa caagttcgggt tccttaacct ccctatggcg tcggtgtgcc tgcggatggg 61800
ggcaaacgggt cattagctgt aacttggggc ttcttggtt tgtgaagtct tgagaacccg 61860
catggtctgc gattgtgttc gggccgtgcg catttccag ttttttactg tagtctgttt 61920
aaaggaatga agagggaaac attaaatatt tattttggct gacaagataa ctgaaagctg 61980
ctagcgggaa gataactggc aagtctgaaa tctgggtttg tttgtcttct agaacatgcc 62040
cattgtgtgt ctttgaaagg atgatacggg cattaggcaa aaacatctta ttatgaggtt 62100
gattataata ttactcgaa gccttttgat ggcaagatcc taatcgtgaa aggaaatggg 62160
atttcttcag gaaagatgat cacatccttc ctagaaggcc agtggtaaaa gttttagtaa 62220
aattttgcat cggctcagtc cggctggcaa gtgagcaacc ctgtgagtggt ctctgctgtc 62280
cctggttctg gttctgattc ccaggaggtt tgagggtgcag ttggcttctc gggaaatgctg 62340
tatggctagg tacaggcatt gctccactcc tcattcccc cagctttata tcagcgggag 62400
tgtctgtggg taccagctcc agggccgaa atcaagtggg gacaaatcct cttgtggtaa 62460
ggatggccag ctggcactag tgctctgcc gcctcacagg actgaattag ccatacttag 62520
aggttatgtc agtgggccta acctttgctc tgcaaagact tgggcctcca gcatcgctgc 62580
tggtcagaaa acttgctttt tctctgctaa cataagagca ggtagtatac agaatggaag 62640
ggcagactga agactgtgat gagctgctag aggtgctcct gtgggtacac acatgtgcac 62700
gtacgtgtaa acacatgtga acacgtgtgc actgagatgg ttaatcatgc ttaaggaaag 62760
tagatcgtga cccgggttcc taagtggggc tggattgtca gcatgacttc cctcactgtg 62820
gggaggcagg aggagaaggc ccacgggtga agagtccagt acatccttcc tagggcccg 62880
gcacatggcc tttaggcctc tgcaagagaa gaaggaattg gaggggggttc ggtggagaag 62940
gagaggcctg cggtgactct gggagagaaa ctgggtgcag atggctggtg gggagagtac 63000
atgacaccct gcaagttagc tgaaaatcag atttcttaca agcaaagact ggattctggg 63060
gagatctaga accagggcag tttgccccag ccaagagagt agctggccta agacgagtag 63120
ctggcttgag aaggactggg tctaacagcc acatgccatt acgattggat ggaatgaata 63180
cagagacagt cactcgagca agcagagctt tttattttcc ttgtccttag cctctgtcca 63240

ISPT1010.ST25.txt

gagggcacag aacacagctg tgccccaagg cagtgtgctc caaggaggat ggtcataccg 63300
agctgctccc gtcagctctg gcttgtgatg agcaaagtgt gaggcatacta cgatagagga 63360
ctcgtgggac tcacagcaga atgacatgcg actcacaagg tggccggtgc agtgattcta 63420
gggcaggcctt ttgttcactt aaatgtctcc acacagaaag cttccatgcg tcttcgtggc 63480
tctctccata ttggcttttt cctgtccagt tctcaaccaa aactagacca tccagaggga 63540
acacatctac acgcggcgca ctcatgccat tttctggctt cgctgcttgt ttacctgcca 63600
ggactgattt ttatgttgct tccccttagc agcctctgtc cttctccctc atggagatgg 63660
gaagagacaa gctgctggag acacatctag ggtcatagat ggcagctgag cagcatccag 63720
gggtgacacc ggagagaaaa cttcctccct ggctcttcct cgccttccct tctgggacac 63780
aggatttcca tctaaacatt cctcagcttc aactagaatg agcttgagat gctagctagg 63840
aggcctcagc gcttgcttct gtctgaactg ggcacttgtg tggccatcaa gccaattctg 63900
tcctctctca gatctccact tacacagatg aactgggagg tggagccatg tgaccctcc 63960
tgaccccgag acctcttaga tactaggcag tagagtcctc tgagatagaa cttcaggaag 64020
ggcaggagag tgggggacgg gggcagatcc acagttgcag ctgagtctga tgggtttttt 64080
ttaaattagg tattttattt atttacattt ccaatgttat cccaaaagtc cccacacgc 64140
tcccacttct tggccctggc attcccctgt actgaggcat ataaagtgtg cacaatcaat 64200
gggcctctct ttccagtgat ggccgactag gccatcttct gattcatatg cagctagaga 64260
catgagctcc ggggttactg gttagtctat attgttgctc cacctatagg gttgcagatc 64320
cctttagctc cttgggtact ttctctagct cctccattgg gggggccctg tgatccatcc 64380
aatagctgac tgtgagcatc cacttctgtg tttgttaggc cccagcatag tctcacaaga 64440
gacagctata tctgggtcct ttccagcaaaa tcttgctagt gtatgcaatg gtgtcagcgt 64500
ttggaagctt attatgggat ggatccctgg ctatggcagt ctctagatgg cccatccttt 64560
cgtctcagct ccaaactttg tctctgtaac tccttccctg ggtgttttgt tcccaattct 64620
aagaaggggc aaagtgtcca cactttggct tttattcttc ttgagtttca tgtgtttagc 64680
aaattgtatc ttatatcttg ggtattctaa gttcctgggc taatatccac ttatcagtga 64740
gtacatattg tgtgagttcg tttgtgattg ggttacctca ctccagatga tgccctcctg 64800
atgggggttt gcttgagtaa agaaatgggt tgatgagggt tgacgatact tgatacatc 64860
accttagatc ctgaagtctc tgatcgcatg ctgtgccaaag gctgtttggt cttttgtcct 64920
cacctgctgc ttctttttta attcagaatc ttggaactga ttggttacca ccccgaggag 64980
ctacttgac gctctgcta tgagttctac catgccctgg attcgagaaa catgacaaa 65040
agtcaccaga actgtgagtt cctagatacc ctgtgtcctc gacgtctgcc cttgagggt 65100
tgattgacaa gacacggcct tggttacttc ctcccagagt taccatcttg ggtggcagat 65160
aaggtagata ctttcaagat ggtcagagac tcaccgatgc caccagcccc taaatggcgt 65220
ttatgcaaat taagaaaaag actcttgagt cctcgcagat ggttaacatt ctatgcaacc 65280
ctcaggggca gtcttgaaga gcagctaaaa gtgggtgtgt aaccagcttg gggctgcact 65340

ISPT1010.ST25.txt

agatcggcaa gcacctcggc atagaagagg gcctgggaag gttccaacga gagttggctt 65400
 gcactgaatc agtttccatg gtagagagga tggggctaac cagaggaaga ggtaagagag 65460
 ggggctgcct gtgcagcagc acactgtgtg catgcgggag agcctgcaca gcgaaggagt 65520
 tcaggaacag agctgtccag tagtagagcc tctatcacag aaacatcctg tgccttcata 65580
 ggccacacaa gacctaggta gtacttgtag tgtgtctggt gcattgagaa atgtctttaa 65640
 acttaagttt taaatgattt aagtagcttt tcttggcact tggctacctt attggactga 65700
 gtggttctgt ggtgttccct tggccacggt tccaattcgg tctttccatt tatggatgct 65760
 ccagggtaat tttgaatacg taaaacccat caacatgtaa gaaactggac ttggtcctct 65820
 gaggactagg gattggtaga cttgatctct accctaagga gtctttgttt tggagaaaaa 65880
 gggagcctgg ctcccagaaa ctgggtgacc tttaacctta gcattctctca tagcatcgtg 65940
 gtaatacaaa cagcagggtg atgataatct cataaacaga ctatatattag gaaagagatc 66000
 atccaagcag gacactggta cagacagggc tgccgagggg ataggctagg agtcttcaaa 66060
 taggaaaccc tgagaagcca cctagcagcc atactggcaa ttaggaaac agaagtgtag 66120
 ctttctgttc caagtctgat tctgcccagc actcctctgt ttacagtcgg gagagctcga 66180
 gctcagcttc actaactgtg cagcaactcc acaagctgtg cacagcatgg ggggggggga 66240
 gggagagaga gagagagaga gagagggagg gagggaggga gggagggagg gagggaatat 66300
 gagaattcaa actcacccct ctgtttcctc cctgggagct ttgggtttca tctgatctaa 66360
 taatacagca ggggccatta tggcatctca gacaagtctc ttactgtctc tctggcataa 66420
 aaacaaaaat atccaaatag actacccag ggggtggcagg aactccctg atgctctcag 66480
 ggagatgacc cagccagaga ctccaaggta tgggtgtcagc cttctcttgg agggccccc 66540
 atgcttttgt gctccctagg gggtccccac cccaaggcc gattggtaga gacacacaac 66600
 tgtattctgc tcagctctgg cctagctcac cagctagtgt ctctgggtct ggcttccttt 66660
 ttttcttgg ctttctaagc caatggggtc tgtcaacaca gccgggaaaa tatcttcatt 66720
 ttaagtacct gggaattctt ggagggtagt gttatacttt gtctcctggg gagggccggt 66780
 agagagctca gtggccatgt ggaaagaaga cggctccctg ttagagctc cctcatctat 66840
 aaagagggat agcaaggaag ctggctctac cggtttgtag ctgactcctg ggggaaatac 66900
 gttggaaaaa cgtttttggt ggatattgtt tttacttaac ccatatatat aacccccag 66960
 cacacctaag gataactcac agtccaaata gaaagtacag actcttgatt ttctgggttt 67020
 tgtttatatt tttccccag tggagttagg aaaagctgcc ctgagcacag aggcctgtat 67080
 ttaaccaaga ggcctgcac aagcaaagtc tttccgcct atccccctac aagtacagtt 67140
 ccattctaga tccctgccg gtgtgtgggg tctctgattc accatgtgtg tcacagcttg 67200
 tgtgtgtttc ccatccaaac gcctggagaa gctccgtcct cagccagatt tagataattg 67260
 aaagtcacat tttccaaatg ggctaataat ctataactg tctctctcag aggggaagag 67320
 ttgggctggt ttctctttgt tgtgtcttta ggaaaacaag attaaaggcc ataaaaagcc 67380
 tccctctctc tcttgagtg gcaggccctt caccaaggct ggcattaatg agaggaatgg 67440

ISPT1010.ST25.txt

gagtgggtgtg acttagaggt gactgataca gcaggcccg gcctgcactt aacagaagtg 67500
 cagctcaaac ctccgctcag cgaacttctt cgtgaaaaag actaagaaca ctgaatgtgg 67560
 caagcaataa gaactatgta aatgagctaa ttccaggctt gatgtcatgc aagaattgcg 67620
 tcaactgcagc caggtggcct ccatgtcacc cagaaagcga cagcagaaaa gataaagggtt 67680
 ccttctctgg ccaaggagtc catgatgggt aacaacatgg ccttagcccg tttttttttt 67740
 tttttttctt ctcaacttctt tctgggtcaa cataatgtag tcagagagga tccatggccc 67800
 ctggaatcaa aagaccgatg atctaaacac tatgactggt attctgtgca aagtgaagca 67860
 aacacagcct tcctaggctg cggttctctg tggttagagg tgctgtctct cctccctcct 67920
 gcacaggagt ccatttaaaa gattagatga agataagaca atcaaagtgg caaaacaatc 67980
 tgactacttc tgataataaa aacatgggtt tcagcagata atctagaagt ttcttacctt 68040
 gttacacccc catgaaaaag aaagccacgt tcttttggat gtggatttgg atacagatgt 68100
 ctattgcact ttatttcaca acgggaaact caaacatcca ggtcaaagga ataaactggc 68160
 catggtacac ccaggagagac acttctctcc cacgaatcac agaaacaccc acaacctcag 68220
 gaacacgatg ctcaaggata atgaagccaa actcaagaaa gtctactccc atagacgtct 68280
 agaaaggaca ggagacgggt ccggggaaag atcggtgatc gtctggaatc agaagtcaga 68340
 actaggagga ggagttaggc acgtgggcca tggggcaggt tcagatgaag tttttggtcc 68400
 ctctgctgtg gtgatggcta cttagggtgt tacgtttgtc aaaactcact gtactatatg 68460
 cgtgaaatag ttacctctcc atgggattaa ttaaaattaa ttaattaaaa ttaaaattaa 68520
 ttaaaataca ataaagcttg ttgtagagag gaaaatgtgt ctaatctaga ctctcaagcc 68580
 tgagactgtg caagctggca atcatgttta gccaaaggac tctttcaagg gctgcagtcg 68640
 ctgtcgtatg gaagcaggag ttccacacac tggtaaccca caccaagcaa ggcagccatg 68700
 aactgaact ccacagggtc actatgtaat gactgtcaca gggacttgaa ttacctctc 68760
 aaggcagcgg tggctctgct gagcaatgcg cacatgtaat tctccatcat tctgtctcct 68820
 cgctgctgtg tgtaagata tccaagagg taagatgtgc caaggcagaa ggactgtgac 68880
 tgggtgtgact atgaacaagg ccatccctca tcagaccatg caggactgat gaggtggccc 68940
 acgagctgac tggtagatcc aaggagactg cctacaggga acatagctgt tctctcctag 69000
 aacccagga caattgccgt aaacaattcc tagtaacata actggcacag tacctaagca 69060
 ctaggcattg atagcttgtg gaagaggaaa ttcctaaaca gtgtttgtgt agccgatgag 69120
 gcaggcaagt ccatttgatc tgcaaacagc agtagccttc tggacagtta gaaatgacag 69180
 tgatggacat gagaggaaac cacaccagga ttgttactta cccaaagtcc ccaagccagc 69240
 aagacttctt gagcctccca tcattcctct tcagttctct gtgacctggg cacttctggg 69300
 ctggagctct gaacaatcat ttggaggggg gggggggtga aagtcagtgg acagtttaag 69360
 aagctaacag acatttctaa aatcagcaga catgactgaa aaggagccct tgagagctct 69420
 ttcacaaaaa taaaaatgca tttggaaatg gggaagaaga caaactagtg tgtgggacac 69480
 cccttggtgt ttttagactg tgaaattgac tacttagaat ggcctaggag aggaaagaaa 69540

ISPT1010.ST25.txt

ctctaagctg gcagtctcac ggggcagttg gcaagtttaa agaccttcca gtggctgagg 69600
 ccctgaatta acagtacagg cctttcccta ctccagataa atagagcagt agtttctctc 69660
 aaattgtatc tggctcctaa ggtagcagaa agttcaaggg acacaaagtt taaaaaacia 69720
 acttcagctg ggtcttgtga cacagctctt gagttgagtc ccagttattc agggggctaa 69780
 ggcagaagaa tggtttaagg cccgcctaga ctccagaggg agttcaagga caacctgact 69840
 aatgcacaa aataacagaa aggactgggg ctggagctcc gtggacgagc acttgcccag 69900
 ccctgttctg tcctccacag tcagggaatg ggacggggct gcagccctgc ggtccacctt 69960
 ccagatgtgg tctgctacct tcaggaggtg aagtcagtag ggtgctgctc cctggttgac 70020
 tgggagtcac tcctgcactg ggcaggcaaa catctgcttt ccttcagaac tcctattccc 70080
 attttttgaa acgaagagtt ggctgaaatg atctccccct cccccaaccc tctcactggt 70140
 cctggccttg gcatccatct ggcagctctg tccatcccc tccccgggca ggtgacactt 70200
 cctgtggggt tagagtgtgt gctgcacacc actcctgcac ctctcttacc tctggctcct 70260
 ttcttcacta gtgtgcacca aggggcaggt ggtatctggc cagtaccgga tgctagccaa 70320
 acacggagga tatgtgtggc tggagaccca ggggacggtc atctacaacc cccgcaacct 70380
 gcagcctcag tgtatcatgt gtgtcaacta tgtgctgagg tgagtcgagg agggagcagc 70440
 cagcctctcg ggaccctggg cagtacctcc acatgctggc tgtggtgtgg atccttctaa 70500
 ctgggagggc tctatattga ggtcttagga acagagctct agcgtgtttc ttttctattt 70560
 gtcagctatg gtatcatgtc tctgacttgt gctgaggggg gagaagatgg catagagtaa 70620
 tgcttgatgt tgtgtgaatg ggagacagtg ctctcctggg taagctgttt tgggaagatg 70680
 tggatgttat accctctccc ctccaccct ggaaagacta tgagcggctg ccattgataa 70740
 tatgaaggaa actaacatag gaatccagga cttttgtgtg cctacagctt gagcacaggg 70800
 agcgagcgaa cagcccacag gttgaggcta acctcaccgt ctctgcttct gtggctcaca 70860
 gaattggatt gtttgtgttt ctgcctaaca cttctctgag aggtttatct accaggcttc 70920
 tgacatgtct ggggcgagg agccaaaggc ttttgctaaa agatgcagat actctgagcc 70980
 gctctctctt cccatcagtg agatcgagaa gaacgacgtg gtgttctcca tggaccagac 71040
 cgaatccctg ttcaagccac acctgatggc catgaacagc atctttgaca gcagtgcaga 71100
 tgtggctgta actgagaaga gcaactacct gttcaccaaa ctgaaggagg agcccagga 71160
 actggcccag ttggccccc cccaggaga tgccattatt tctctcgatt tcggtgcgta 71220
 cttcctagcc ctggttgaac ccacagaacc ctcatggact ggcggacagt tcttgttatg 71280
 acaagcctcc ctggccacag cttccctaaa ccacagatgc actcgggcct tgctgatcac 71340
 tgtgctggtt caggttctgc taggtagaga agaagcacag actcatggcc actgagttat 71400
 aagtcctcat gaagggtaaa gaggtaggca aggagagggc tccctctcga ggggcccac 71460
 ctctacctgg cttgagagtc tgagttgagg cgtgtgtctc agggagtgtc ctctaactta 71520
 agcgaaaggc tgagtcagaa cagcgccaga accagtagcc gagaggagac tgagggcgag 71580
 gatgaagccc tcggtggctg cctgcgttag aatgtctgcc catcttctcg gaagagaagt 71640

ISPT1010.ST25.txt

ccttttggtc	ctgagctctc	ctctgacacc	cggaactgtc	cagggagagg	cctcttccgg	71700
tctgcaccct	ctccagccca	gctctgactg	ctcccccttg	caatcaaata	cccctttgat	71760
aatgtgcatc	tgagaggcca	caggaaaatg	gacacctcag	agaaccagaa	agggcaatga	71820
gccctcttgc	acgagataac	cttgtaaccc	cccagctcca	tgttggtact	gaggcaaata	71880
gcccaattct	cctctgataa	cttccctcagc	tctgtttctg	aaggctctgc	aggaaacaac	71940
tgcttctatc	tagtaagctc	ggtctctgaa	tgccaaatgc	tgctggagat	tgctctcttt	72000
ataggaagtc	cccagattga	atcatagtct	tggtccctatc	taggctccac	agtactgagg	72060
gtgtcaactt	caggccctct	tttaggacct	tttgtgaact	ttctgggctt	atccaccctg	72120
gggtgagccc	agatctcagc	aatgctcctc	aagcaagcct	tgtctttaca	ggaagccaga	72180
acttcgatga	accctcagcc	tatggcaagg	ccatcccttc	ccggggccag	ccatgggtct	72240
cggggctgag	gagccacagt	gccagagcgc	agtccgggag	cctgccagcc	ttcactgtgc	72300
cccaggcaga	caccccaggg	aacactacac	ccagtgcctc	aagcagcagt	agctgctcca	72360
cgggtgagccc	ccaccctcca	ggagagcaca	cagggctcat	ggggccctca	agctctgctg	72420
ccagatgact	ggacagaccc	cctgagaagt	actgcctccc	ttgggtgtta	cagtggccct	72480
aaggatggct	cagatactcc	gagagacact	agagctgact	accggctctt	agcatctgtc	72540
ttccaccctt	atccacgtcg	tgactcttga	aatcacagca	agaacctagg	caggtctctg	72600
caaaccaaag	gcttcaacca	cagagccctg	ctggccacag	cctctatcca	gtttgcacat	72660
caagacacac	aggacaagta	gctcacaacc	cgtggtacac	aaatccctct	atttgacggg	72720
agaaatcgaa	caagcctttc	acagggctac	ctagatcatc	agaaaacaca	gaaattcact	72780
ttataattca	taactgtagc	caaattactg	ttttgagggt	gggggtcagc	acagcatgag	72840
gaactggagg	gctgcagcat	caggaaagtt	aaggaccact	gatctaggaa	gtgatccaag	72900
cctctccctt	gagggagacg	aaggttcaga	gaggttgatg	agctgagctg	cttcacacag	72960
cttgtaaata	gtagtccctt	tcacagatgc	ttggtagaac	ggggcagagt	gcagaacct	73020
gcttgtctgt	tctcaatgga	ctcctggcga	gacaggcccc	gtgttcttac	ttggtctcgt	73080
ccttcctggt	ctccagccca	gcagccctga	ggactactat	tcaccccttg	agaatccctt	73140
gaagatcgaa	gtgattgaga	agcttttcgc	catggacacg	gagccgaggg	acccgggcag	73200
taccaggtg	ggccccgcgc	gtgggtgaca	gagggctcct	ttgcagagac	ccccggtgtg	73260
ctgcgcaaag	cttcgggggtc	aggaagcttg	tgagtggcgc	gctcccttcc	tactgtgtcc	73320
ctgctcagcc	ccacactcct	gtctaactgt	tgaccccatc	tctgtcttgc	acaaatggtg	73380
taagtgggtg	tggtggaggt	gggcgagggg	ggtgatgaga	atctccaggg	gcgatccctca	73440
cacctccctt	tgattgtctc	agcctgagtt	ctccacccca	gcttccacat	tgttcttttag	73500
tgtgtggcct	tatcctatcc	tgacgaacct	cttggtgttt	ctgtgcatgt	cttttccctc	73560
tgtgtgtgtg	tgtgtgtacg	cgcgcgcgtg	tgccctgtgac	acttcttagc	acaagcaggc	73620
acacttcctt	cagtaccagt	cttgggtaca	aagatctatc	tgtagtgagg	ggtcattggc	73680
tgaccgaccg	cggctgaagc	ttgtgtcttt	gcttatgagt	attctgttgt	gaccatgggt	73740

ISPT1010.ST25.txt

gtccctgagt atctactggt gagtgagaac agcagtcctt gtgggggaga tgaagattag 73800
 ctggtacaaa taggataaaag gagcagtgca acagaggcca gaagttggcc tggctaaaag 73860
 agaaagagaa ggctgcaggt caaaagtgga gaaagctcac tgaacctgta caggatgaag 73920
 ggacagatgc aggttatatc ccaacagcaa tccttgtacc ctcaatggca aatctgagca 73980
 gttccagcag aggtatttga atggaggact gacagtttca aaaggcctag gcagggcagg 74040
 gctggggccag ccactatgta ccctttgctc tgtgtctcct cagacggact tcagtgaact 74100
 ggatttggag accttggcac cctacatccc tatggacggc gaggacttcc agctgagccc 74160
 catctgcccga gaggagccgc tcatgccaga gagccccag cccaccccc agcactgctt 74220
 cagtaccatg accagcatct tccagccgct caccgccggg gccaccacg gccccttctt 74280
 cctcgataag taccgcgagc agttggaaag caggaagaca gagtctgagc actggcccat 74340
 gtcttccatc ttctttgatg ctgggagcaa aggggtccctg tctccatgct gtggccaggc 74400
 cagcaccctt ctctcttcta tgggaggcag atccaacacg cagtggcccc cgcatccacc 74460
 attacatttc ggccctacta agtggcctgt gggtgatcag agtgctgaat ccctgggagc 74520
 cctgccggtg gggtcacgc agttggaacc tccgagcgcc ccgcctcatg tctccatggt 74580
 caagatgagg ttagtgacag atgtctggct ggaggggaca tactgggcag ggcgagtaca 74640
 tgtacacacc tgcttatgaa ggctctagag ggtcacatca gcttcccgt gaccatatcc 74700
 cctcactgta tgtgtaggca gctggcactt ttccctagtc tctctgata tgtgagagcc 74760
 agacccagc agatagaaga aggggctttt ttaagtgatg tctgtctacc tttggacaca 74820
 gataggtatt atgggtattc ctccatagtc ctgtactttc catctgcctg gagcctctgt 74880
 ggggtgcaca caggcaccag cattttcctg tcttcccagt aggctgcagt ccataaagct 74940
 gatgtgtctt gtctatagta cgtacccttt atagagcacc ccagatggtc ctctggaagg 75000
 aaggcattca gcagaaatcc ttctagagac tggtgtcatc tagctgggca ggaccctga 75060
 gggcaggact gaggtggaca ggtgtgcgga gagaggcgca ggtgacagaa ctcttgagca 75120
 tcttacagaa ggaagagctg agctgccgcc gctcaagccc ttagcatte tgccctccat 75180
 agatcgctg agtcataagt gttagattct gatgaagaca ccaggcagcg ggaggctgta 75240
 gatgcctcac acccaccact gtcttctctt ggcattggca ggtctgcaaa ggacttcggg 75300
 gcccgaggtc catacatgat gagcccagcc atgatcgccc tgtccaacaa gctgaagcta 75360
 aagcggcagc tggagtatga ggagcaagcc ttccaagaca caagcggggt aagccatgct 75420
 tgtgaacgaa cagcctactg gacaggaagg agatgaggct agggtagaga tgcagacagc 75480
 tagatctggt agtgagcacc tgcccctgct gggctctgtg gctaccacc ctactccacc 75540
 ctggcccact tcttcaaact acacatcacc tctgcagggg gaccctccag gcaccagcag 75600
 ttcacacttg atgtggaac gtatgaagag cctcatgggc gggacctgtc ctttgatgcc 75660
 tgacaagacc atcagtgcga acatggcccc cggtgaagcag gcctggccca ggggtctggt 75720
 ggaggggtga aggctcagag cacattccct gagccttggt agaatgggtt atatccatgc 75780
 catgagcagg atcccgggtc agaggtctct acatgacttc tgaaaaagaa agcaggctga 75840

ISPT1010.ST25.txt

gagcgcctatt gtctgcccta atgacagcac cacagttcac tctctggcctt ggatcctcca 75900
gatgaattca cccaaaaatc tatgagaggc ctgggccagc cactgagaca cctgccacct 75960
ccccagccac catctaccag gagctcaggg gagaacgccca agactgggtt cccgccacag 76020
tgctatgcct cccagttcca ggactacggt cctccaggag ctcaaaaggt gtcagggtgag 76080
tgctttggaa ctcccacat agccagggtc tgatgcaaac aggtggcctg gctggccaga 76140
gagctgagag gcagccactt gcaggaagca actctgcgtt tggacaagac tgccttcaga 76200
gcccctgctc aggtctgatg cgactgctta cagtccatag ggctcttcat cagccaagct 76260
gcatgagatg gtttaggcag gaccaagtct cctctttatt ccagagcctg catggtacca 76320
ggcccagaaa ggatttgaca atgacttggt caaagtacaa ggaaggccca ggagggtgca 76380
ggctcctcat tgatgagctg agattgtgtg agaaagtaag aaaggcctct ttggctgttg 76440
tccctgagaa agggcagagc cacggttact tctggccaag caggctcccc agaaggtggg 76500
tctcaggctg gggaagcttt ggtagaagga agcggtggt atggcaaggg cccagggct 76560
gtggtggact tctgagcaag acaagctcgc tgccctggaa aggcaggctg gaagattgtg 76620
cacggctctg gaagggatcg tccagtaatc agtcagatca catccgggct cttggccccg 76680
caagaccaag agtctacatc ttctctcagc tgctcattgc ctgaagtgtg tacacatacc 76740
gtaacaagct ttctctgaaa gggtgcacag gggactcact gatgggaggg tagcctggtg 76800
atccagtaag ttcagctatt gccactgaaa cacacaagtg ttcccataga cgcctttgct 76860
cggcacaaaac aatctgtggt ttgagaaaga aaattccaga gccttgtcta cagtagcaga 76920
gttggggaaa atttatagtt gtgttcttag aattccatct gaagaaccca aaagccctgg 76980
gctgatattt cagttctgtt gtttaccagc aggtgggctt gcaagccaga agtcttaaaa 77040
gagaaagttt aaagtttaaa gagaggacca cacatcactc acccccggta tacacatctg 77100
ggcagctgta gtcagcaaat gacaggtttc cccagctggt gaatgcgaag caaaactaat 77160
ttcaacatag atcgtttctg cccatagacc gaaaggagggt gaatttaaga agggcagggc 77220
atctgttggt aggagtgcag gcaacgggaa gtgtggaccc cagaaggag agcacactgg 77280
gaccagctc tgtctctaaa ctgagagagc tctgctctcg ctccagccat ctttgatct 77340
caccactgct gtggcatgct ctcttctggc tccgtcctct gaacagggga tggagcccca 77400
gggccagagt gctgctgcat cggaagttgc tggaagctgg agacacagtt gtttgcattg 77460
atgcccttct ctctggtcat ctacagccag cggagcaggt gtgtgccagt cctctaaaac 77520
accctcctct ccctcctctc aggcgtggcc agtcgactgc tggggccatc gttcgagcct 77580
tacctgttgc cggaactgac cagatatgac tgtgaggtga acgtgccctg gcctggaagc 77640
tccacactcc tgcaggggag agaccttctc agagctctgg accagccac ctgagccagg 77700
gcctctggcc gggcatgccc ctgcctgccc cgccgtcttg acctgccagc ttcacttcca 77760
tctgtgttgc tattaggtat ctctaacc agcacacttc ttacgagatg tactcaacct 77820
ggcctactgg ccaggtcacc aagcagtggc ctttatctga catgctcact ttattatcca 77880
tgtttttaaaa atacatagtt gttgtacctg ctatgtttta ccgttgatga aagtgttctg 77940

ISPT1010.ST25.txt

```

aaattttata agatttcccc ctccctccct cccttgaatt acttctaatt tatattcccc 78000
aaagggttttt ctctctctca ttcatatcca tactaacaag catggtgggt ggtgcctctc 78060
cctaggaaaag ctttggcgtc attcaactca agtgttcttg ttcttggtgc caaagagaaa 78120
aggattttcc tccactgtgg attctccctc tccccaccc ccacatacac acacacacac 78180
acacaccccct acacacatat acacacatgc acgtatgcgt gcacacacac acacacacac 78240
acacacacac acacacaccc ctacacacac acacacacac acacatatac acacacacac 78300
acacacacac acacaccccct acacacatat acacacatgc acgtatgcgt gcacacacac 78360
acacacacac acacacaccc ctacacacat atacacacat gcacgtatgc gtgcacacac 78420
acacacacac acacacatct aatcaccata ttgtaaaatt ttgtgttttt aaagccaact 78480
ctttgtccg gttttttcat acgacttagt atggggcaaa aaagcaatgt gaagaatcaa 78540
ctctaggggtt acctgtgaag ccacgcggtg gtgttcgaag ctgtctggta atgcccccat 78600
ctctccccgg gtccagtga tttttttaac tattattcaa aagcaaaaact gagttttgtt 78660
ttgtttgggtt ttttaagaag aatttatatc cgggt 78695

```

```

<210> 258
<211> 379
<212> DNA
<213> mus musculus

```

```

<300>
<301> Aizawa et al.
<302> Computational Analysis Of Full-Length Mouse cDNAs Compared With
Human Genome Sequences
<303> Mamm. Genome.
<304> 12
<306> 673-677
<307> 2001
<308> BY229956.1
<309> 2002-12-10
<313> (1)..(379)

```

```

<220>
<221> misc_feature
<222> (345)..(345)
<223> n is a, c, g, or t

```

```

<220>
<221> misc_feature
<222> (367)..(367)
<223> n is a, c, g, or t

```

```

<400> 258
gattcgagag cggccggtgt acagctccgg agtccgcagc gtcctcctcc agctctcctg 60
aggcggccgt acaatcctcg gcagtgtcct gagactgtat ggtcatctca gcggccgcac 120
tcgcttgccc ccggattttt ttccaacttg ctctcttcga gccatttttt tttctttttt 180
tctttttctt tttttctttt tctttttggg tgggttggtt tggatttgtc agatcccaga 240
aaagtgactc ctgttcgggg ctaaacggaa ctccagggtcc cttgtgctgc tctctctctc 300
tttgggcgtc ttacaacctc ctccactcc tttccccggc cccgnctcct cctgcagggt 360
cctcccnctc atcccccta 379

```

<210> 259
 <211> 2730
 <212> DNA
 <213> mus musculus

<300>
 <301> Carninci et al.
 <302> High-Efficiency Full-Length cDNA Cloning
 <303> Meth. Enzymol.
 <304> 303
 <306> 19-44
 <307> 1999
 <308> AK087208.01
 <309> 2004-04-03
 <313> (1)..(2730)

```

<400> 259
gaccatcgta aaaatgtttg ctacttaact gcactccctg tgtagcacac aggaagtgct      60
gtgtgggacc tgcacagtgt tttgaggaca tgattgccct ctgttgcgga taggttgtct      120
tttcatggac agattgttgc taatgtttct ttatagtga atgtgcccag gactaaaagt      180
ttcacataaa taaatggtca cagtatgtcc tcacagttac tggttactga tgcgacactt      240
aggcagcttc atggtagaat ctgacgagtt agcaggcaga tactctgact tttaaactta      300
cccgtgttag tacgtgatat ggactttgta cgaagaccgt gtttctttag gatctctgga      360
aagaggcagg tttgggtgtc agtttgtcct ttccttccca ttctgcaaca aagaagagtc      420
agtctggcac ctcaggctgg caaggatggc acccactgca gctaccaccc ttggaggtct      480
ttgcttctgg attgcaaagt gaggcgtgtt gtccgcctca tgttctcttg gcctttactg      540
atgtctccag actctaacct gtcgtctctc agatcagaaa cagggtctta ggtaagccag      600
ggcctggtct gaccgtagct tcttcgccct tctctttcca ttggtgccct ttgaccctgt      660
cctcaaaactt tgttcattag ttttaattaaa tctttgctaa cgctaccacac gtgaagccca      720
gttctggctc ctgcaagaat acagaagaaa gcaatttgag aagacaccaa tgcgcaaaag      780
cagagtcaat accaaaaggt ggcttgctca tagctccctt gggctgagcc agatgggttc      840
agtgggagaa ttgactcact gtgggggtga gtgggtcact accgagagtg tgaatggatg      900
acgtccacat tccaggacta acccctcggt tcttcatgta ggagcagctc agagctgagg      960
aaggagaaat cccgtgatgc cgcgaggtgc cggcgcagca aggagacgga ggtcttctat     1020
gagttggctc atgagttgcc cctgcctcac agtgtgagct ccacctgga caaagcctcc     1080
atcatgcgcc tggccatcag ctcccttcgg acacataagc tcctgtcctc aggtaaggct     1140
tgacaggtec tgccccaag ctggcatcta cctaggcctc gctccaagac acatctacca     1200
atatccactc acagaagctg gcacatggcc tttagtgtta catttattta gttgcgtgtg     1260
agggtatgca tgtgggtcag aggacagcct ttgggagtc attctgttct cttcttccat     1320
catctgggat ctgggacttg aacttgggtc ctcaggctta gcagcaaatg cctctagcca     1380
ctggaccctc ttgctggccc tgttccttca ttttagcatc tcccctctgg caatgatctt     1440
ctcatgagtt caccagga agagaccaag gacagactca agtgagagtg tgaggtgctc     1500
ccagagagtg tgaggtgctc ccagagagtg tgaggtgctc caagggttg gagagccgag     1560

```

ISPT1010.ST25.txt

```

agcagcttct cctggaagcc catccagtac ctctggacct ctggcgagag tcccgtcca 1620
cactgtgttg actctgcagg aagcctttta tccttgtctt ccagctacat ctctaggaca 1680
tcagaaatgg tgatgtccct tgtgatctat ctctcagaac cttggtttcc ttgcctacaa 1740
actggaatta gccaggcata ctgcctggga ggataagggg taggaaatgg ggggggggga 1800
ttattagggc actataggaa tgagtggaga ccgcgggtca gctgtattcg ttcttgctgg 1860
ggctagcccc ccccatagag gacagcctcg ggcacctctc cctgggtcag ccgatgcgtt 1920
cttctttccc gcatatctct tcaaccacca accgttcata acgaatgctt tctttccttt 1980
gtcagagtta catccctcaa aaatcatttc ctgttaggcc tcaccaggaa gaggcagcct 2040
gggggttcca ctttcacatc ctatgtgcag tcttgtcaga cttatcagtt ctgtaaggaa 2100
actgggcagc atatagctgc caggctggca ctacagcagg gcagtgtccg aggcatgagc 2160
aaggagggca ggcaggcaag ggggaaagag atccccctggc tcattttgag ttttcctgag 2220
tgagtgtgtc actctggaga tgactcctta catggctatt ctgggaaaga gccccctgca 2280
cagaggggtc cagaatgagg cggggaagcc agactagcct gtgctattct gggccccctgt 2340
gcacaggaag gatatatggg aaagaccttc ggagggttaga atggctgctc atcccatcgt 2400
cctcctctaa cccccaggct ggaggctaag cctgggctgc aaggctgagg tgaccgtgct 2460
gttacagaaa tgagcagaga gtggagaaag caagggcgga gccgctgcac acacagcagg 2520
gcaacagcaa ttactcagat ttagacgggtg aaaatggttg agggaaagctc aggctaagga 2580
cttgtaaagc ctggactgct aaataaaaag gcagactcgg aggtgtctca cccatgcccc 2640
atgcatgcct tcattttaca gaggattgtc ctcttgagaa aatgaggacg acagttcggg 2700
gattttaggg attttgcaaa gcctgtcagg 2730

```

```

<210> 260
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 260
ggttccttaa cccgtaggg 20

```

```

<210> 261
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 261
acctgggttc cttacccccg 20

```

```

<210> 262
<211> 20
<212> DNA
<213> Artificial Sequence

```

<220>
<223> Oligonucleotide primer

<400> 262
ggagcacctg gggttccttaa 20

<210> 263
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 263
ttgtcagctg tcattgtcgc 20

<210> 264
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 264
tctccttgct agctgtcatt 20

<210> 265
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 265
gaagacctcc gtctccttgc 20

<210> 266
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 266
caggtgggag ctcacactgt 20

<210> 267
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 267
aagctgatgg ccaggcgcatt 20

<210> 268
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 268
ttcaggtaca agttatccat 20

<210> 269
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 269
aaggctttca ggtacaagtt 20

<210> 270
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 270
aatgaaaccc tccaaggctt 20

<210> 271
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 271
atgaacttgc tgatgttttc 20

<210> 272
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 272
gtcccatgaa cttgctgatg 20

<210> 273
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 273
acctgggtaa gtcccatgaa 20

```

<210> 274
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 274
tgtagttct acctgggtaa                20

<210> 275
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 275
gtcaaagatg ctgtgtcctg                20

<210> 276
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 276
ggatgagtga agtcaaagat                20

<210> 277
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 277
atgaagaagt cacgctcggg                20

<210> 278
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 278
ttcatcctca tgaagaagtc                20

<210> 279
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 279
tgcacttcac cctcatgaag                20

```

<210> 280
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 280
tgacagtccg gcctctgttg 20

<210> 281
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 281
actctcactt gcccggtgca 20

<210> 282
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 282
gttggtgtag actctcactt 20

<210> 283
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 283 /
attggctcac acatgatgat 20

<210> 284
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 284
tgggtgctgg attggctcac 20

<210> 285
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 285
 atgctgtggc ggctcaggaa 20

<210> 286
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 286
 gggtggtaac caatcagttc 20

<210> 287
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 287
 gtgcacaagt tctggtgact 20

<210> 288
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 288
 ccttggtgca caagttctgg 20

<210> 289
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 289
 gtcccctggg tctccagcca 20

<210> 290
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide primer

<400> 290
 tgaccgtccc ctgggtctcc 20

<210> 291
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 291

gtagatgacc gtcccctggg

20

<210> 292

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 292

gggttgtaga tgaccgtccc

20

<210> 293

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 293

catagttgac acacatgata

20

<210> 294

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 294

tccatggaga acaccacgtc

20

<210> 295

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 295

tctggtccat ggagaacacc

20

<210> 296

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer

<400> 296

aaagatgctg ttcattggcca

20

<210> 297

<211> 20

<212> DNA

<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 297
tggatgaacag gtagttgctc 20

<210> 298
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 298
agctcctcgg gctcctcctt 20

<210> 299
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 299
ggccttgcca taggctgagg 20

<210> 300
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 300
aggatggcct tgccataggc 20

<210> 301
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 301
ctgctgggcg tggagcagct 20

<210> 302
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 302
tgaagtccgt ctgggtactg 20

<210> 303
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 303
tccaactgct gcgggtactt 20

<210> 304
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 304
ttgctcccag catcaaagaa 20

<210> 305
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 305
cagggaccct ttgctcccag 20

<210> 306
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 306
gtgctggcct ggccacagca 20

<210> 307
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 307
cttgaacatg gagacatgag 20

<210> 308
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 308
cagacctcat cttgaacatg 20

<210> 309
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 309
ctttgcagac ctcattctga 20

<210> 310
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 310
ttcagcttgt tggacagggc 20

<210> 311
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 311
gtgaactgct ggtgcctgga 20

<210> 312
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 312
cacatcaagt gtgaactgct 20

<210> 313
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 313
ccgcccataa ggctcttcat 20

<210> 314
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 314
aggacaggta ccgcccataa 20

<210> 315
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 315
caggcatcaa aggacaggtc 20

<210> 316
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 316
gatttttggg tgaattcatc 20

<210> 317
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 317
ctggccacgc ctgacacctt 20

<210> 318
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 318
gatggcccca gcagtcgact 20

<210> 319
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 319
cgaacgatgg ccccagcagt 20

<210> 320
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 320
aggtaaggct cgaacgatgg 20

<210> 321
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 321
cagtcatatc tggtcagttc 20

<210> 322
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 322
cctcacagtc atatctggtc 20

<210> 323
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 323
gttcacctca cagtcatatc 20

<210> 324
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 324
ggcacgttca cctcacagtc 20

<210> 325
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer

<400> 325
gcacgggcac gttcacctca 20

<210> 326
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

```

<223> Oligonucleotide primer
<400> 326
tctctcccct gcaggagtgt 20

<210> 327
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer
<400> 327
tctgagaagg tctctcccct 20

<210> 328
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer
<400> 328
ggtccagagc tctgagaagg 20

<210> 329
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer
<400> 329
gctcaggtgg cctggtccag 20

<210> 330
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer
<400> 330
ggccctggct caggtggcct 20

<210> 331
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide primer
<400> 331
agaacaagaa cacttgagtt 20

<210> 332
<211> 20
<212> DNA
<213> Artificial Sequence

```

<220>
 <223> Oligonucleotide primer
 <400> 332
 aacagttgag acatgacagt 20

<210> 333
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 333
 tgtcactaac ctcattctga 20

<210> 334
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 334
 acaggagtca cttttctggg 20

<210> 335
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 335
 catacagtct caggacactg 20

<210> 336
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Oligonucleotide primer
 <400> 336
 aatctgtcca tgaaaagaca 20

<210> 337
 <211> 20
 <212> DNA
 <213> Homo sapiens
 <400> 337
 cagcgacaat gacagctgac 20

<210> 338
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 338 caggccacct gagccaggcc	20
<210> 339 <211> 20 <212> DNA <213> Homo sapiens	
<400> 339 tagactccga gaacatgacc	20
<210> 340 <211> 20 <212> DNA <213> Homo sapiens	
<400> 340 agcagcagca gctgctccac	20
<210> 341 <211> 20 <212> DNA <213> Homo sapiens	
<400> 341 ccactgagcg caaatgtacc	20
<210> 342 <211> 20 <212> DNA <213> Homo sapiens	
<400> 342 agaagagtaa cttcctattc	20
<210> 343 <211> 20 <212> DNA <213> Homo sapiens	
<400> 343 atggacgggg aagacttcca	20
<210> 344 <211> 20 <212> DNA <213> Homo sapiens	
<400> 344 ttaccaccct gaggagctgc	20
<210> 345 <211> 20 <212> DNA <213> Homo sapiens	
<400> 345 agcctatgaa ttctaccatg	20
<210> 346 <211> 20 <212> DNA	

<213> Homo sapiens

<400> 346
cgacctgaag attgaagtga 20

<210> 347
<211> 20
<212> DNA
<213> Homo sapiens

<400> 347
gtgcccgtgc tgggaagctc 20

<210> 348
<211> 20
<212> DNA
<213> Homo sapiens

<400> 348
tgggagcctg cctgccttca 20

<210> 349
<211> 20
<212> DNA
<213> Homo sapiens

<400> 349
gctgtggcca ggccagcacc 20

<210> 350
<211> 20
<212> DNA
<213> Homo sapiens

<400> 350
tgcgaccatg aggagattcg 20

<210> 351
<211> 20
<212> DNA
<213> Homo sapiens

<400> 351
cctgatggcc atgaacagca 20

<210> 352
<211> 20
<212> DNA
<213> Homo sapiens

<400> 352
ggccaaggac caatgcagta 20

<210> 353
<211> 20
<212> DNA
<213> Homo sapiens

<400> 353
accagagcg aggctgggag 20

<210> 354

<211> 20
<212> DNA
<213> Homo sapiens

<400> 354
ctgggaagct ccacgctcct 20

<210> 355
<211> 20
<212> DNA
<213> Homo sapiens

<400> 355
aagcaaagac atgtccacag 20

<210> 356
<211> 20
<212> DNA
<213> Homo sapiens

<400> 356
gagctggact tggagacact 20

<210> 357
<211> 20
<212> DNA
<213> Homo sapiens

<400> 357
aactgccctc ctcacaatag 20

<210> 358
<211> 20
<212> DNA
<213> Homo sapiens

<400> 358
ggtggcagca cctcacattt 20

<210> 359
<211> 20
<212> DNA
<213> Homo sapiens

<400> 359
agcagctgct ccacgcccaa 20

<210> 360
<211> 20
<212> DNA
<213> Homo sapiens

<400> 360
agagttcttg ggagcagcgc 20

<210> 361
<211> 20
<212> DNA
<213> Homo sapiens

<400> 361
atttgagtcc tacctgctgc 20

<210> 362
<211> 20
<212> DNA
<213> Homo sapiens

<400> 362
gaccacacctg gtggcagcac 20

<210> 363
<211> 20
<212> DNA
<213> Homo sapiens

<400> 363
agactccgag aacatgacca 20

<210> 364
<211> 20
<212> DNA
<213> Homo sapiens

<400> 364
ttctccatgg accagactga 20

<210> 365
<211> 20
<212> DNA
<213> Homo sapiens

<400> 365
ccatgaggag attcgtgaga 20

<210> 366
<211> 20
<212> DNA
<213> Homo sapiens

<400> 366
tttgataac gacctgaaga 20

<210> 367
<211> 20
<212> DNA
<213> Homo sapiens

<400> 367
ctcctgcaag gaggggacct 20

<210> 368
<211> 20
<212> DNA
<213> Homo sapiens

<400> 368
gtgttctatg agctggccca 20

<210> 369
<211> 20
<212> DNA
<213> Homo sapiens

<400> 369

	ISPT1010.ST25.txt	
tggcagcacc tcacatttga		20
<210> 370		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 370		
ccgaagctga ccagcagatg		20
<210> 371		
<211> 20		
<212> DNA		
<213> Homo sapiens		
<400> 371		
ggaccagact gaatccctgt		20
<210> 372		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 372		
ccctacgggg ttaaggaacc		20
<210> 373		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 373		
cggggttaag gaaccaggt		20
<210> 374		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 374		
ttaaggaacc caggtgctcc		20
<210> 375		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 375		
gcgacaatga cagctgacaa		20
<210> 376		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 376		
aatgacagct gacaaggaga		20
<210> 377		
<211> 20		
<212> DNA		
<213> Mus musculus		

<400> 377 gcaaggagac ggaggtcttc	20
<210> 378 <211> 20 <212> DNA <213> Mus musculus	
<400> 378 acagtgtgag ctcccacctg	20
<210> 379 <211> 20 <212> DNA <213> Mus musculus	
<400> 379 atgcgcctgg ccatcagctt	20
<210> 380 <211> 20 <212> DNA <213> Mus musculus	
<400> 380 atggataact tgtacctgaa	20
<210> 381 <211> 20 <212> DNA <213> Mus musculus	
<400> 381 aacttgtacc tgaaagcctt	20
<210> 382 <211> 20 <212> DNA <213> Mus musculus	
<400> 382 aagccttgga gggtttcatt	20
<210> 383 <211> 20 <212> DNA <213> Mus musculus	
<400> 383 catcagcaag ttcattggac	20
<210> 384 <211> 20 <212> DNA <213> Mus musculus	
<400> 384 ttcatgggac ttacccaggt	20
<210> 385 <211> 20	

<212> DNA
<213> Mus musculus

<400> 385
ttacccaggt agaactaaca 20

<210> 386
<211> 20
<212> DNA
<213> Mus musculus

<400> 386
caggacacag catctttgac 20

<210> 387
<211> 20
<212> DNA
<213> Mus musculus

<400> 387
atctttgact tcactcatcc 20

<210> 388
<211> 20
<212> DNA
<213> Mus musculus

<400> 388
accgagcgtg acttcttcat 20

<210> 389
<211> 20
<212> DNA
<213> Mus musculus

<400> 389
gacttcttca tgaggatgaa 20

<210> 390
<211> 20
<212> DNA
<213> Mus musculus

<400> 390
cttcatgagg atgaagtgca 20

<210> 391
<211> 20
<212> DNA
<213> Mus musculus

<400> 391
caacagaggc cggactgtca 20

<210> 392
<211> 20
<212> DNA
<213> Mus musculus

<400> 392
tgcaccgggc aagtgagagt 20

<210> 393
<211> 20
<212> DNA
<213> Mus musculus

<400> 393
aagtgagagt ctacaacaac 20

<210> 394
<211> 20
<212> DNA
<213> Mus musculus

<400> 394
atcatcatgt gtgagccaat 20

<210> 395
<211> 20
<212> DNA
<213> Mus musculus

<400> 395
gtgagccaat ccagcaccca 20

<210> 396
<211> 20
<212> DNA
<213> Mus musculus

<400> 396
ttcctgagcc gccacagcat 20

<210> 397
<211> 20
<212> DNA
<213> Mus musculus

<400> 397
gaactgattg gttaccaccc 20

<210> 398
<211> 20
<212> DNA
<213> Mus musculus

<400> 398
agtcaccaga acttgtgcac 20

<210> 399
<211> 20
<212> DNA
<213> Mus musculus

<400> 399
ccagaacttg tgcaccaagg 20

<210> 400
<211> 20
<212> DNA
<213> Mus musculus

<400> 400
tggctggaga cccaggggac 20

<210> 401
<211> 20
<212> DNA
<213> Mus musculus

<400> 401
ggagacccag gggacggtca 20

<210> 402
<211> 20
<212> DNA
<213> Mus musculus

<400> 402
cccaggggac ggatcatctac 20

<210> 403
<211> 20
<212> DNA
<213> Mus musculus

<400> 403
gggacggtca tctacaaccc 20

<210> 404
<211> 20
<212> DNA
<213> Mus musculus

<400> 404
gacgtggtgt tctccatgga 20

<210> 405
<211> 20
<212> DNA
<213> Mus musculus

<400> 405
ggtgttctcc atggaccaga 20

<210> 406
<211> 20
<212> DNA
<213> Mus musculus

<400> 406
tggccatgaa cagcatcttt 20

<210> 407
<211> 20
<212> DNA
<213> Mus musculus

<400> 407
gagcaactac ctgttcacca 20

<210> 408
<211> 20
<212> DNA
<213> Mus musculus

<400> 408		
aaggaggagc ccgaggagct		20
<210> 409		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 409		
cctcagccta tggcaaggcc		20
<210> 410		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 410		
gcctatggca aggccatcct		20
<210> 411		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 411		
agctgctcca cgcccagcag		20
<210> 412		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 412		
cagtaccag acggacttca		20
<210> 413		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 413		
aagtaccgc agcagttgga		20
<210> 414		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 414		
ctgggagcaa agggtcctg		20
<210> 415		
<211> 20		
<212> DNA		
<213> Mus musculus		
<400> 415		
tgctgtggcc aggccagcac		20
<210> 416		
<211> 20		
<212> DNA		

<213> Mus musculus

<400> 416
ctcatgtctc catgttcaag 20

<210> 417
<211> 20
<212> DNA
<213> Mus musculus

<400> 417
catgttcaag atgaggtctg 20

<210> 418
<211> 20
<212> DNA
<213> Mus musculus

<400> 418
tcaagatgag gtctgcaaag 20

<210> 419
<211> 20
<212> DNA
<213> Mus musculus

<400> 419
gccctgtcca acaagctgaa 20

<210> 420
<211> 20
<212> DNA
<213> Mus musculus

<400> 420
tccaggcacc agcagttcac 20

<210> 421
<211> 20
<212> DNA
<213> Mus musculus

<400> 421
atgaagagcc tcatgggcgg 20

<210> 422
<211> 20
<212> DNA
<213> Mus musculus

<400> 422
tcatgggcgg gacctgtcct 20

<210> 423
<211> 20
<212> DNA
<213> Mus musculus

<400> 423
gacctgtcct ttgatgcctg 20

<210> 424

<211> 20
<212> DNA
<213> Mus musculus

<400> 424
aagggtgtcag gcgtggccag 20

<210> 425
<211> 20
<212> DNA
<213> Mus musculus

<400> 425
agtcgactgc tggggccatc 20

<210> 426
<211> 20
<212> DNA
<213> Mus musculus

<400> 426
actgctgggg ccatcgttcg 20

<210> 427
<211> 20
<212> DNA
<213> Mus musculus

<400> 427
ccatcgttcg agccttacct 20

<210> 428
<211> 20
<212> DNA
<213> Mus musculus

<400> 428
gaactgacca gatatgactg 20

<210> 429
<211> 20
<212> DNA
<213> Mus musculus

<400> 429
gaccagatat gactgtgagg 20

<210> 430
<211> 20
<212> DNA
<213> Mus musculus

<400> 430
gatatgactg tgaggtgaac 20

<210> 431
<211> 20
<212> DNA
<213> Mus musculus

<400> 431
gactgtgagg tgaacgtgcc 20

<210> 432
<211> 20
<212> DNA
<213> Mus musculus

<400> 432
tgaggtgaac gtgcccgtgc 20

<210> 433
<211> 20
<212> DNA
<213> Mus musculus

<400> 433
acactcctgc aggggagaga 20

<210> 434
<211> 20
<212> DNA
<213> Mus musculus

<400> 434
aggggagaga ccttctcaga 20

<210> 435
<211> 20
<212> DNA
<213> Mus musculus

<400> 435
ccttctcaga gctctggacc 20

<210> 436
<211> 20
<212> DNA
<213> Mus musculus

<400> 436
ctggaccagg ccacctgagc 20

<210> 437
<211> 20
<212> DNA
<213> Mus musculus

<400> 437
aactcaagtg ttcttgttct 20

<210> 438
<211> 20
<212> DNA
<213> Mus musculus

<400> 438
actgtcatgt ctcaactgtt 20

<210> 439
<211> 20
<212> DNA
<213> Mus musculus

<400> 439

tcaagatgag gttagtgaca 20

<210> 440
<211> 20
<212> DNA
<213> Mus musculus

<400> 440
cccagaaaag tgactcctgt 20

<210> 441
<211> 20
<212> DNA
<213> Mus musculus

<400> 441
cagtgtcctg agactgtatg 20

<210> 442
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 442
ttcgcgctg gacgattcag 20

<210> 443
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 443
cctcatggtc gcagggatga 20

<210> 444
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 444
tctcctcatg gtcgcaggga 20

<210> 445
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 445
tcatggtcac atggatgagt 20

<210> 446

<211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 446
 cctcatgggc acatggatga 20

<210> 447
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 447
 ctcacgtgca catggatgag 20

<210> 448
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 448
 atttcctcat ggccacatgg 20

<210> 449
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 449
 aaaccctcca aggctttcag 20

<210> 450
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 450
 tcctcatggg cgcagggatg 20

<210> 451
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<220>
 <221> misc_feature

```

<222> (12)..(12)
<223> n = inosine

<220>
<221> misc_feature
<222> (15)..(15)
<223> n = pseudouridine

<400> 451
tcctcatggg cncanggatg 20

<210> 452
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<220>
<221> misc_feature
<222> (11)..(11)
<223> n = inosine

<220>
<221> misc_feature
<222> (14)..(14)
<223> n = pseudouridine

<400> 452
cctcatgggc ncanggatga 20

<210> 453
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Control Oligonucleotide

<220>
<221> misc_feature
<222> (1)..(20)
<223> equal mixture of the bases A, C, G and T

<400> 453
nnnnnnnnnn nnnnnnnnnn 20

<210> 454
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Control Oligonucleotide

<400> 454
ccttcctga aggttcctcc 20

<210> 455
<211> 19
<212> DNA
<213> Artificial Sequence

```


<220>
<223> Synthetic Construct

<400> 455
cgagaggcgg acgggaccg 19

<210> 456
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<220>
<221> misc_feature
<222> (20)..(21)
<223> deoxythymidine

<400> 456
cgagaggcgg acgggaccgt t 21

<210> 457
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<220>
<221> misc_feature
<222> (20)..(21)
<223> deoxythymidine

<400> 457
cgtccccgtc cgcctctcgt t 21

<210> 458
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 458
cgtccccgtc cgcctctcg 19